

# P2B-LS M/B Test Report

Apr 7th, 1998

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# PART A. SPECIFICATION TEST

## 1. System Specific Test

| <b>CPU Test</b>              |                       |                             |   |                        |                        |
|------------------------------|-----------------------|-----------------------------|---|------------------------|------------------------|
| Vender                       | Model                 | Voltage                     | Clock Multiplier                                  | Bus Speed              | Remark/Special Setting |
| Intel                        | Pentium II MMX 266    | 2.8V                        | 4.0X  | 66 MHz                 |                        |
|                              | Pentium II MMX 300    | 2.8V                        | 4.5X  | 66 MHz                 |                        |
|                              | Pentium II MMX 333    | 2.0V                        | 5.0X  | 66 MHz                 |                        |
|                              | Pentium II MMX 350    | 2.0V                        | 3.5X  | 100 MHz                |                        |
|                              | Pentium II MMX 400    | 2.0V                        | 4.0X  | 100 MHz                |                        |
| <b>Memory Test</b>           |                       |                             |   |                        |                        |
| Type                         | SIZE                  | Vendor                      | Component   | Remark/Special Setting |                        |
| 168 Pin DIMM Module          | 8Mbytes               | Fujitsu                     | 811171622A-100FN                                  |                        |                        |
|                              |                       | Hitachi                     | HM5216165TT10                                     |                        |                        |
|                              | 8Mbytes (EDO)         | NEC                         | D42S18165G5                                       |                        |                        |
|                              | 16Mbytes              | Fujitsu                     | 81117822A-100FN                                   |                        |                        |
|                              |                       | Hitachi                     | HM5216165TT10                                     |                        |                        |
|                              |                       | Mitsubishi                  | M5M4V163S30CTP-12                                 |                        |                        |
|                              |                       | NEC                         | D4516821G5-A12-7JF                                |                        |                        |
|                              |                       | OKI                         | M56V16800H-15                                     |                        |                        |
|                              |                       | Siemens                     | HYB39S16800T-10                                   |                        |                        |
|                              |                       | SEC                         | KM48V2104AT-6                                     |                        |                        |
|                              |                       | Toshiba                     | TC59S1608AFT-12A                                  |                        |                        |
|                              | 16Mbytes (EDO)        | Hitachi                     | 51W18165BTT6                                      |                        |                        |
|                              |                       | SEC                         | KM48V2104AT-6<br>KM48V2104ALT-6                   |                        |                        |
|                              | 32Mbytes              | Fujitsu                     | 81117822A-100FN<br>81117822E-100FN                |                        |                        |
|                              |                       | Hitachi                     | HM5216805TT10                                     |                        |                        |
|                              |                       | Micron                      | MT 48LC2M8A1-10                                   |                        |                        |
|                              |                       | NEC                         | D4516821G5-A12-7JF                                |                        |                        |
|                              |                       | Toshiba                     | D4516821G5-A67-7JF-PC                             |                        |                        |
|                              |                       | Toshiba                     | TC59S1608AFT-12A                                  |                        |                        |
|                              | 32Mbytes (EDO)        | NEC                         | D42S17405LG3-A60-7JD                              |                        |                        |
|                              |                       | SEC                         | KM44V4104AS-6<br>KM44V4104BS-L6<br>KM44V4104ALS-6 |                        |                        |
|                              | 64Mbytes              | Hyundai                     | HYM7072A801TFG-10                                 |                        |                        |
|                              |                       | SEC                         | KM48S8030AT-G12                                   |                        |                        |
|                              | 64Mbytes (EDO)        | SEC                         | KM44V4104BS                                       |                        |                        |
|                              | 128Mbytes             | NEC                         | D4564841G5-A10-9JF                                |                        |                        |
|                              |                       | SEC                         | KM48S8030AT-G10                                   |                        |                        |
|                              | 128Mbytes (EDO)       | SEC                         | KM48V8104AS-6                                     |                        |                        |
| 168 Pin DIMM Module (100MHZ) | 16Mbytes              | SEC                         | KM48S2020CT-G8                                    |                        |                        |
|                              |                       | TI                          | TMS626812ADGE-102                                 |                        |                        |
|                              | 32Mbytes              | Fujitsu                     | 81F16822B-10FN                                    |                        |                        |
|                              |                       | Fujitsu                     | 81F16822D-102LFN                                  |                        |                        |
|                              |                       | Fujitsu                     | 81117822A-100FN                                   |                        |                        |
|                              |                       | Micron                      | MT48LC2M8AT-8B                                    |                        |                        |
|                              |                       | Hyundai                     | HY57V168010CTC-10                                 |                        |                        |
|                              | SEC                   | KM48S2020CT-G8              |   |                        |                        |
|                              | 64Mbytes              | Fujitsu                     | 81F64842B-103FN                                   |                        |                        |
|                              | <b>FDD Devices</b>    |                             |   |                        |                        |
| Type                         | Model                 | O.S. Environment            | Status  | Remark/Special Setting |                        |
| 3Mode FDD                    | Mitsumi D353T5        | MS-DOS V6.20 (Japanese)     | Pass  |                        |                        |
| 1.44 MB FDD                  | EPSON SMD-1300        | Win98 RC-0 1691             | Pass  |                        |                        |
|                              | TEAC FD-235HF         | Win95 V950B                 | Pass  |                        |                        |
|                              | Panasonic JU-257A606P | WFWG V3.11<br>UnixWare V2.1 | Pass  |                        |                        |

| <b>FDD Devices</b>           |   |  |        |                             |
|------------------------------|---|--|--------|-----------------------------|
| Type                         | Model   | O.S. Environment   | Status | Remark/Special Setting      |
| 1.44 MB FDD                  | NEC FD1231H   | NT WKS V4.0<br>OS/2 WARP Server<br>V4.0<br>OpenStep R4.0 | Pass   |                             |
| 1.2 MB FDD                   | NEC FD1157C   | MS-DOS V6.22   | Pass   |                             |
| <b>Serial Port Devices</b>   |   |  |        |                             |
| Type                         | Model   | O.S. Environment   | Status | Remark/Special Setting      |
| Mouse                        | Genius Serial Mouse                                       | Win95 V950B  | Pass   |                             |
|                              | Logitech First Mouse Super                                | Win95 V950B<br>WFWG V3.11<br>UnixWare V2.1               | Pass   |                             |
|                              | Logitech MouseMan   | OS/2 WARP V4.0   | Pass   |                             |
|                              | Logitech M - M35  | Win95 V950B<br>NT Server V4.0                            | Pass   |                             |
|                              | Microsoft Serial Mouse                                    | Win95 V950B  | Pass   |                             |
|                              | Microsoft IntelliMouse                                    | NT WKS V4.0  | Pass   |                             |
| Modem                        | ADI 56K   | Win95 V950B  | Pass   | Power Up on Modem act test. |
| <b>PS2 Port Devices</b>      |   |  |        |                             |
| Type                         | Model   | O.S. Environment   | Status | Remark/Special Setting      |
| Mouse                        | IBM PS/2 Mouse  | Win95 V950B<br>OS/2 WARP V4.0<br>OpenStep R4.0           | Pass   |                             |
|                              | Microsoft IntelliMouse                                    | Win95 V950B  | Pass   |                             |
| <b>Parallel Port Devices</b> |   |  |        |                             |
| Type                         | Model   | O.S. Environment   | Status | Remark/Special Setting      |
| CD-ROM                       | Up Select Commuter Parallel Port Portable IDE CD-ROM Case | MS-DOS V6.22   | Pass   | EPP Mode                    |
| ECP Cable                    | Direct Parallel Universal Cable                           | Win95 V950B  | Pass   | ECP Mode                    |
| HDD                          | Up Select Commuter Parallel Port Portable IDE Disk Case   | MS-DOS V6.22   | Pass   | EPP Mode                    |
|                              | Datafab MD3P Parallel Port Portable IDE Disk Case         | MS-DOS V6.22<br>Win95 V950B                              | Pass   | EPP Mode                    |
|                              | DataStor Commuter Parallel Port Portable SCSI Disk Case   | MS-DOS V6.22   | Pass   | EPP Mode                    |
| M.O.                         | Philip PDD230   | Win95 V950B  | Pass   |                             |
| Printer                      | HP LaserJet 5L  | Win95 V950B  | Pass   |                             |
| Scanner                      | Spot SF-600E1   | Win95 V950B  | Pass   |                             |
| Tape                         | lomega IO3020   | Win95 V950B  | Pass   |                             |
| Zip                          | lomega Z100P2   | Win95 V950B  | Pass   |                             |
| <b>USB Devices</b>           |   |  |        |                             |
| Type                         | Model   | O.S. Environment   | Status | Remark/Special Setting      |
| Camera                       | Kodak DVC-300   | Win95 V950B  | Pass   |                             |
| Keyboard                     | Silitek SK-6000   | MS-DOS V6.22   | Pass   |                             |
|                              | Solid ACK-210   | Win98 RC-0 1691  | Pass   |                             |
| Loop Back                    | USB HPT Host Production Tester                            | MS-DOS V6.22   | Pass   |                             |
| Mouse                        | Anchor USB Mouse  | Win95 V950B  | Pass   |                             |
|                              | Dexin A2U800A   | Win98 RC-0 1691  | Pass   |                             |
|                              | Logitech USB Mouse  | Win95 V950B  | Pass   |                             |
| <b>IR Devices</b>            |   |  |        |                             |
| Type                         | Model   | O.S. Environment   | Status | Remark/Special Setting      |
| IR Connector                 | ASUSTeK Infrared Device                                   | Win95 V950B<br>Win98 RC-0                                | Pass   |                             |
|                              | ACTiSYS ACT-IR2000L                                       | Win95 V950B<br>Win98 RC-0                                | Pass   |                             |

| <b>IR Devices</b>   |                          |                           |        |                          |
|---------------------|--------------------------|---------------------------|--------|--------------------------|
| Type                | Model                    | O.S. Environment          | Status | Remark/Special Setting   |
| IR Connector        | Vitex IRJet5000          | Win95 V950B<br>Win98 RC-0 | Pass   |                          |
| <b>IDE Devices</b>  |                          |                           |        |                          |
| Type                | Model                    | O.S. Environment          | Status | Remark / Special Setting |
| LS-120              | Mitsubishi MF357G-111MA  | Win95 V950B               | Pass   |                          |
|                     | O.R. Technology FD-3120A | Win95 V950B               | Pass   |                          |
| M.O.                | Fujitsu M2541BE02        | Win95 V950B               | Pass   |                          |
| Zip                 | lomega Z100ATAPI         | Win95 V950B               | Pass   |                          |
|                     | lomega Z100 IDE          | Win95 V950B               | Pass   |                          |
|                     | Panasonic JU-811E01      | Win95 V950B               | Pass   |                          |
| <b>SCSI Devices</b> |                          |                           |        |                          |
| Type                | Model                    | O.S. Environment          | Status | Remark / Special Setting |
| M.O.                | Fujitsu M2513S2B         | OS/2 WARP V4.0            | Pass   |                          |
|                     | Mitsubishi MCA640        | OS/2 WARP V4.0            | Pass   |                          |
| Removable HDD       | lomega V1000Si JAZ       | OS/2 WARP V4.0            | Pass   |                          |
| Zip                 | lomega Z100S2            | OS/2 WARP V4.0            | Pass   |                          |
|                     | lomega Z100Si            | Win95 V950B               | Pass   |                          |

## 2. System BIOS Test

### 2.1 System CMOS Setup

| <b>System BIOS Test</b>         |                                      |   |   |
|---------------------------------|--------------------------------------|---|---|
| Test Item                       |                                      | Status  | Remark/Special Setting                            |
| <b>CMOS Setup Utility</b>       | Load BIOS Default                    | Pass  |   |
|                                 | Load Setup Default                   | Pass  |   |
|                                 | Supervisor Password                  | Pass  |   |
|                                 | User Password                        | Pass  |   |
|                                 | Save & Exit Setup                    | Pass  |   |
|                                 | Exit Without Saving                  | Pass  |   |
| <b>Standard CMOS Setup Test</b> | Sign-On message and BIOS Information | Pass  |   |
|                                 | POST error detection message test    | Pass  |   |
|                                 | System Date and Time                 | Pass  | Over 2000 years (BIOS/DOS/WIN95)                  |
|                                 | Diskette A: / B:                     | Pass  | None / 1.2M / 1.44 MB / 3 Mode support            |
|                                 | Hard Disk Drive                      | Pass  | HDD Auto Detect / User Type / None                |
|                                 | Video System                         | Pass  | EGA / VGA, MONO                                   |
|                                 | System Memory                        | Pass  |   |
| <b>BIOS Features Setup</b>      | Extended Memory                      | Pass  |   |
|                                 | Boot Virus Detection                 | Pass  | Enabled / Disabled                                |
|                                 | CPU Level 1 Cache                    | Pass  | Enabled / Disabled                                |
|                                 | CPU Level 2 Cache                    | Pass  | Enabled / Disabled                                |
|                                 | CPU Level 2 ECC Check                | Pass  | Enabled / Disabled                                |
|                                 | Quick Power On Self Test             | Pass  | Enabled / Disabled                                |
|                                 | Security Option                      | Pass  | System / Setup                                    |
|                                 | PS/2 Mouse Function Control          | Pass  | Auto / Enabled                                    |
| <b>Chipset Features Setup</b>   | PCI/VGA Palette Snoop                | Pass  | Enabled / Disabled                                |
|                                 | Boot Up NumLock status               | Pass  | On / Off  |
|                                 | Memory Hole At 15M-16M               | Pass  | Disabled / Enabled                                |
|                                 | Data Integrity Mode                  | Pass  | ECC / Non-ECC / EC-Only                           |
|                                 | Onboard FDC Controller               | Pass  | Enabled / Disabled                                |
|                                 | Onboard FDC Swap A & B               | Pass  | No Swap / Swap AB                                 |
| Onboard Serial Port 1           | Pass                                 | Disabled, 3F8HIRQ4, 2F8HIRQ3, 3E8HIRQ4, 2E8HIRQ10 |   |
|                                 | Onboard Serial Port 2                | Pass  | Disabled, 3F8HIRQ4, 2F8HIRQ3, 3E8HIRQ4, 2E8HIRQ10 |

| <b>System BIOS Test</b>       |                        |        |   |
|-------------------------------|------------------------|--------|---|
| Test Item                     |                        | Status | Remark/Special Setting                    |
| <b>Chipset Features Setup</b> | Onboard Parallel Port  | Pass   | Disabled, 378H/IRQ7, 278H/IRQ5, 3BCH/IRQ7 |
|                               | Parallel Port Mode     | Pass   | ECP+EPP, EPP, ECP, Normal                 |
|                               | ECP DMA Select         | Pass   | 1, 3, Disabled                            |
|                               | Onboard PCI IDE Enable | Pass   | Both / Primary / Secondary / Disabled     |
| <b>PNP AND PCI SETUP</b>      | Slot IRQ               | Pass   | Auto / NA / Manual                        |
|                               | IRQ Used By ISA        | Pass   | No/ICU, Yes                               |
|                               | DMA Used By ISA        | Pass   | No/ICU, Yes                               |
|                               | Onboard AHA BIOS       | Pass   | Auto / Disabled                           |

## 2.2 Boot Sequence Test

| <b>SCSI / IDE HDD Sequence Test</b>  |   |  |                  |                 |        |
|--------------------------------------|---|--|------------------|-----------------|--------|
| Boot device.                         | SCSI Device   | IDE Device                               | O.S. Environment | Status          | Remark |
| <b>IDE</b>                           | ASUS PCI-SC875<br>Seagate ST32155W                                      | Fujitsu MPA3026AT                        | Win95 V950B      | Pass            |        |
| <b>IDE(Zip)</b>                      | ASUS PCI-SC875<br>Seagate ST32155W                                      | Fujitsu MPA3026AT<br>Panasonic JU-811E01 | MS-DOS V6.22     | Pass            |        |
| <b>IDE with BusMaster</b>            | ASUS PCI-SC875<br>Seagate ST32155W                                      | Fujitsu MPA3026AT                        | Win95 V950B      | Pass            |        |
| <b>SCSI without ASPI8U2.SYS</b>      | On-board AIC-7890AB<br>Seagate ST32155W                                 | Fujitsu MPA3026AT                        | MS-DOS V6.22     | Pass            |        |
| <b>SCSI with ASPI8U2.SYS</b>         | On-board AIC-7890AB<br>Seagate ST32155W                                 | Fujitsu MPA3026AT                        | MS-DOS V6.22     | Pass            |        |
| <b>SCSI(Zip) without ASPI8U2.SYS</b> | On-board AIC-7890AB<br>Seagate ST32155W<br>Iomega Z100Si                | Fujitsu MPA3026AT                        | MS-DOS V6.22     | Pass            |        |
| <b>SCSI(Zip) with ASPI8U2.SYS</b>    | On-board AIC-7890AB<br>Seagate ST32155W<br>Iomega Z100Si                | Fujitsu MPA3026AT                        | MS-DOS V6.22     | Pass            |        |
| <b>SCSI without ASPI8XX.SYS</b>      | ASUS PCI-SC875<br>Seagate ST32155W                                      | Fujitsu MPA3026AT                        | MS-DOS V6.22     | Pass            |        |
| <b>SCSI with ASPI8XX.SYS</b>         | ASUS PCI-SC875<br>Seagate ST32155W                                      | Fujitsu MPA3026AT                        | MS-DOS V6.22     | Pass            |        |
| <b>Boot Sequence Test</b>            |   |  |                  |                 |        |
| Type                                 | Peripheral Device   | O.S. Environment                         | Status           | Features Tested |        |
| <b>A , C</b>                         | WD AC24300  | Vines V7.0                               | Pass             |                 |        |
| <b>C , A</b>                         | Fujitsu MPA3026AT   | Win98 RC-0 1691                          | Pass             |                 |        |
| <b>A , CDROM , C</b>                 | Fujitsu MPA3026AT<br>ASUS CD-S340                                       | NT WKS V4.0<br>(Chinese-Simplified)      | Pass             |                 |        |
| <b>CDROM , C , A</b>                 | Fujitsu MPA3026AT<br>ASUS CD-S340                                       | NT WKS V4.0<br>(Chinese-Simplified)      | Pass             |                 |        |
| <b>D , A</b>                         | WD AC24300<br>Quantum TX4000AT  | OS/2 WARP V4.0<br>(Chinese-Traditional)  | Pass             |                 |        |
| <b>E , A</b>                         | WD AC24300<br>Quantum TX4000AT<br>Quantum ST2160AT                      | NT WKS V4.0                              | Pass             |                 |        |
| <b>F , A</b>                         | WD AC24300<br>Quantum TX4000AT<br>Quantum ST2160AT<br>Fujitsu MPA3026AT | Win98 RC-0 1691                          | Pass             |                 |        |
| <b>C Only</b>                        | Fujitsu MPA3026AT   | Win95 V950B                              | Pass             |                 |        |
| <b>LS/ZIP , C</b>                    | Fujitsu MPA3026AT<br>O.R. FD-3120A                                      | Win95 V950B                              | Pass             |                 |        |
|                                      | Fujitsu MPA3026AT<br>Iomega Z100ATAPI                                   | MS-DOS V6.22                             | Pass             |                 |        |

## 2.3 Power Management Measurement

| <b>Power Management Test</b>  |                           |   |                  |        |                               |
|-------------------------------|---------------------------|---|------------------|--------|-------------------------------|
| Type                          | Test Item                 | Peripheral Device                       | O.S. Environment | Status | Features Tested               |
| <b>Power Management</b>       | Disable                   | Fujitsu MPA3026AT                       | Win95 V950B      | Pass   |                               |
|                               | User Define               | Fujitsu MPA3026AT                       | Win95 V950B      | Pass   |                               |
|                               | Min Saving                | Fujitsu MPA3026AT                       | Win95 V950B      | Pass   |                               |
|                               | Max Saving                | Fujitsu MPA3026AT                       | Win95 V950B      | Pass   |                               |
| <b>PM Timers</b>              | HDD Power Down            | Fujitsu MPA3026AT                       | Win95 V950B      | Pass   |                               |
|                               | Suspend Mode              | Fujitsu MPA3026AT                       | Win95 V950B      | Pass   |                               |
| <b>PWR Button &lt; 4 Secs</b> | Suspend                   | On-board AIC-7890AB<br>Seagate ST32155W | MS-DOS V6.22     | Pass   |                               |
|                               | Soft Off                  | On-board AIC-7890AB<br>Seagate ST32155W | MS-DOS V6.22     | Pass   |                               |
|                               | No Function               | On-board AIC-7890AB<br>Seagate ST32155W | MS-DOS V6.22     | Pass   |                               |
| <b>PWR Button &gt; 4 Secs</b> | Soft Off                  | On-board AIC-7890AB<br>Seagate ST32155W | MS-DOS V6.22     | Pass   |                               |
| <b>PWR Up On Modem Act</b>    | Enable                    | Fujitsu MPA3026AT                       | Win98 RC-0 1691  | Pass   |                               |
|                               | Disable                   | Fujitsu MPA3026AT                       | MS-DOS V6.22     | Pass   |                               |
| <b>AC PWR Loss Restart</b>    | Enabled                   | On-board AIC-7890AB<br>Seagate ST32155W | MS-DOS V6.22     | Pass   |                               |
|                               | Disabled                  | On-board AIC-7890AB<br>Seagate ST32155W | MS-DOS V6.22     | Pass   |                               |
| <b>Automatic Power Up</b>     | Disabled                  | Fujitsu MPA3026AT                       | Win98 RC-0 1691  | Pass   |                               |
|                               | Everyday                  | On-board AIC-7890AB<br>Seagate ST32155W | MS-DOS V6.22     | Pass   |                               |
|                               | By Date                   | Fujitsu MPA3026AT                       | Win98 RC-0 1691  | Pass   |                               |
| <b>Wake on Lan</b>            | Enabled                   | On-board AIC-7890AB<br>Quantum HN2275SW | NT WKS V4.0      | Pass   |                               |
|                               | Disabled                  | On-board AIC-7890AB<br>Quantum HN2275SW | NT WKS V4.0      | Pass   |                               |
| <b>SMI Jumper</b>             | Enabled Power Management  | Fujitsu MPA3026AT                       | Win98 RC-0 1691  | Pass   | The power LED must blink.     |
|                               | Disabled Power Management | Fujitsu MPA3026AT                       | Win98 RC-0 1691  | Pass   | The power LED must not blink. |
| <b>Power LED</b>              | Normal Mode               | Fujitsu MPA3026AT                       | Win98 RC-0 1691  | Pass   | The power LED must not blink. |
|                               | Suspend Mode              | Fujitsu MPA3026AT                       | Win98 RC-0 1691  | Pass   | The power LED must blink.     |
| <b>Fan Monitor</b>            | Chassis Fan Speed         | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
|                               | CPU Fan Speed             | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
|                               | Power Fan Speed           | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
| <b>Thermal Monitor</b>        | MB Temperature            | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
| <b>Voltage Monitor</b>        | VCORE Voltage             | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
|                               | +3.3V Voltage             | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
|                               | +5V Voltage               | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
|                               | +12V Voltage              | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
|                               | -12V Voltage              | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |
|                               | -5V Voltage               | Fujitsu MPA3026AT                       | CMOS             | Pass   |                               |

## 3. System Utility Test

| <b>System Utility</b> |         |           |                  |        |                          |
|-----------------------|---------|-----------|------------------|--------|--------------------------|
| Package Name          | Version | Publisher | O.S. Environment | Status | Remark/Special Setting   |
| <b>CBROM Utility</b>  | V1.12   | Award     | MS-DOS V6.22     | Pass   | Changing EPA/ FULL logo. |
| <b>AFLASH Utility</b> | V1.01   | ASUSTeK   | MS-DOS V6.22     | Pass   | Flash a new BIOS.        |
| <b>RTCSWTST</b>       | V1.0    | ASUSTeK   | MS-DOS V6.22     | Pass   | Power On/Off test.       |
| <b>TXPATCH</b>        | V1.0    | Intel     | Win95 V950B      | Pass   |                          |

| <b>LDCM</b>  |                            |           |                  |                            |  |                      |        |
|--|----------------------------|-----------|------------------|----------------------------|--|----------------------|--------|
| Package Name   | Version                    | Publisher | O.S. Environment | Status                     | Remark/Special Setting   |                      |        |
| <b>LAN Desk Local Manager for WIN95</b>                    | V3.12                      | Intel     | Win95 V950B      | Pass                       | Install LDCM from CD-ROM, and run the utilities to get the basic information of the local machine.   |                      |        |
| <b>LAN Desk Local Manager for WINNT</b>                    | V3.12                      | Intel     | NT WKS V4.0      | Pass                       | Install LDCM from CD-ROM, and run the utilities to get the basic information of the local machine.   |                      |        |
| <b>LAN Desk Administrator for WIN95</b>                    | V3.12                      | Intel     | Win95 V950B      | Pass                       | Install LDCM from CD-ROM, and run the utilities to get the basic information of the local machine and other workstation through the workgroup. |                      |        |
| <b>LAN Desk Administrator for WINNT</b>                    | V3.12                      | Intel     | NT WKS V4.0      | Pass                       | Install LDCM from CD-ROM, and run the utilities to get the basic information of the local machine and other workstation through the workgroup. |                      |        |
| <b>BusMaster Driver</b>                                    |                            |           |                  |                            |  |                      |        |
| Card Type  | Primary IDE                |           |                  | Secondary IDE              |  | O.S. Environment     | Status |
|  | H.D.D./CD-ROM (Mode/Speed) | M/S       |                  | H.D.D./CD-ROM (Mode/Speed) | M/S  |                      |        |
| <b>Win95 Driver<br/>Version: V3.01</b>                     | Fujitsu MPB3064AT (DMA33)  | M         |                  | WD AC34000 (4)             | M  | Win95 V950B          | Pass   |
|  | Seagate ST32132A (4)       | S         |                  | Panasonic CR-586-B (32X)   | S  | (Chinese-Simplified) |        |
|  | Maxtor 86480D6 (DMA33)     | M         |                  | Sony CDU571 (16X)          | M  | Win95 V950B          | Pass   |
|  | Fujitsu MPB3052AT (DMA33)  | S         |                  | Quantum ST6480AT (DMA33)   | S  | (Chinese-Trad.)      |        |
|  | Seagate ST33232A (DMA33)   | M         |                  | Sony CDU611 (24X)          | M  | Win95 V950B          | Pass   |
|  | IBM DCAA-33610 (4)         | S         |                  | Quantum TM2110AT (4)       | S  | (German)             |        |
| <b>OS/2 WARP<br/>Connect V3.0<br/>Driver Version: V1.3</b> | Seagate ST34342A (DMA33)   | M         |                  | NEC DSE2100A (4)           | M  | Win95 V950B          | Pass   |
|  | Philips PCA323CD (32X)     | S         |                  | Quantum TM3200AT (4)       | S  | (Japanese)           |        |
|  | Seagate ST36450A (4)       | M         |                  | NEC CDR-1800A (24X)        | M  | Win95 V950B          | Pass   |
|  | IBM DCAA-34330 (4)         | S         |                  | Maxtor 84000A6 (4)         | S  |                      |        |
|  | Fujitsu MPA3017AT (4)      | M         |                  | Seagate ST31277 (4)        | M  | OS/2 WARP            | Pass   |
|  | Teac CD-524E (24X)         | S         |                  | Seagate ST52520A (4)       | S  | Connect V3.0         |        |
| <b>WINNT<br/>Driver Version: V1.67</b>                     | Fujitsu MPB3021AT (DMA33)  | M         |                  | NEC DSE2100A (4)           | M  | OS/2 WARP            | Pass   |
|  | Fujitsu MPA3026AT (4)      | S         |                  | Teac CD-532E (32X)         | S  | Connect V3.0         |        |
|  | Fujitsu MPB3032AT (DMA33)  | M         |                  | Seagate ST32531A (4)       | M  | OS/2 WARP            | Pass   |
|  | Micropolis 4540A (4)       | S         |                  | Sony CDU571 (16X)          | S  | Connect V3.0         |        |
|  | NEC DSE2100A (4)           | M         |                  | Quantum TX4000AT (DMA33)   | M  | OS/2 WARP            | Pass   |
|  | Panasonic CR-586-B (32X)   | S         |                  | Samsung VG33402A (DMA33)   | S  | Connect V3.0         |        |
| <b>WINNT<br/>Driver Version: V1.67</b>                     | Seagate ST31277A (4)       | M         |                  | Quantum TM2110AT (4)       | M  | OS/2 WARP            | Pass   |
|  | Micropolis 4540A (4)       | S         |                  | Teac CD-524E (24X)         | S  | Connect V3.0         |        |
|  | Fujitsu MPA3017AT (4)      | M         |                  | Quantum CY4335AT (4)       | M  | NT WKS V4.0          | Pass   |
|  | Quantum BF2550AT (4)       | M         |                  | Teac CD-532E (32X)         | S  | (Chinese-Simplified) |        |
|  | IBM DCAA-33610 (4)         | S         |                  | BTC BCD24X (24X)           | M  | NT WKS V4.0          | Pass   |
|  | Fujitsu MPB3032AT (DMA33)  | M         |                  |                            |  | (Chinese-Trad.)      |        |
| <b>WINNT<br/>Driver Version: V1.67</b>                     | ASUS CD-S340 (34X)         | M         |                  |                            |  | NT WKS V4.0          | Pass   |
|  | IBM DHEA-34330 (DMA33)     | M         |                  | None                       |  | NT WKS V4.0          | Pass   |
|  | Teac CD-516E (24X)         | S         |                  |                            |  | (Chinese-Trad.)      |        |
|  | IBM DHEA-38451 (DMA33)     | M         |                  | Acer CD616A (18X)          | M  | NT Server V4.0       | Pass   |
|  | Maxtor 72004AP (4)         | S         |                  |                            |  |                      |        |

#### 4. System Diagnostic & Certification Test

| <b>System Diagnostics</b>  |         |            |                  |        |                        |  |
|----------------------------|---------|------------|------------------|--------|------------------------|--|
| Package Name               | Version | Publisher  | O.S. Environment | Status | Remark/Special Setting |  |
| <b>Checkit</b>             | V5.0    | Touchstone | Win95 V950B      | Pass   |                        |  |
| <b>Professional Qaplus</b> | V5.49   | Diagsoft   | MS-DOS V6.22     | Pass   |                        |  |
| <b>Qaplus/FE</b>           | V5.51   | Diagsoft   | MS-DOS V6.22     | Pass   |                        |  |
| <b>Qaplus/win</b>          | V7.1    | Diagsoft   | Win95 V950B      | Pass   |                        |  |



| <b>System Certification</b> |                |                  |                         |               |   |
|-----------------------------|----------------|------------------|-------------------------|---------------|---|
| <b>Package Name</b>         | <b>Version</b> | <b>Publisher</b> | <b>O.S. Environment</b> | <b>Status</b> | <b>Remark/Special Setting</b>   |
| <b>Windows NT HCT</b>       | V7.2           | Microsoft        | Windows NT 4.0          | Pass          | Execute System Test.  |
| <b>OS/2 Warp CTK</b>        | V4.0           | IBM              | OS/2 Warp V4.0          | Pass          | Run every test items.   |
| <b>Solaris HCT</b>          | V3.19          | Sunsoft          | Solaris V2.6            | Pass          | Stress Tests: Disk, Floppy, System Memory, Keyboard, Mouse, CD-ROM, Network, Video. |

### 5. Field (stress) Test

|                       |  |                 |                 |
|-----------------------|--|-----------------|-----------------|
| <b>Test Type</b>      | <b>QAPlus/FE V5.51</b>   |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 32MB(SDRAM 16MB * 2) + 512KB(Internal) + On-board IDE + Fujitsu MPA3026AT + ASUS AGP-V3000L<br>Plug LoopBack                          |                 |                 |
| <b>Test Procedure</b> | Running Qaplus Diagnostic Modules Test.<br>Test item including : System Board, Memory, Video, Floppy drive, Keyboard, Com port, Parallel port.               |                 |                 |
| <b>Result</b>         | <b>Pass</b>  | <b>Duration</b> | <b>17 Hours</b> |
| <b>Test Type</b>      | <b>QAPlus/WIN 7.1</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 32MB(SDRAM 16MB * 2) + 512KB(Internal) + On-board IDE + Fujitsu MPA3026AT + ASUS AGP-V3000L + Microsoft Serial Mouse<br>Plug LoopBack |                 |                 |
| <b>Test Procedure</b> | Running System Board, Memory, Video , Hard drives , Floppy drive test item.  |                 |                 |
| <b>Result</b>         | <b>Pass</b>  | <b>Duration</b> | <b>40 Hours</b> |

## PART B. OPERATING SYSTEM ENVIRONMENT TEST

### 1. DOS / Windows Operating System Test

#### 1.1 Software Compatibility Test

##### 1.1.1 Operating System Compatibility

| O.S. Name                                      | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller  |
|--|---------|-----------|--------|--|
| <i>MS-DOS</i>                                  | V6.22   | Microsoft | Pass   | ASUS PCI-SC875 + Quantum HN2275SW + Panasonic CR-506-B CD-ROM + ASUS AGP-V3000L + Accton EN1203 + Logitech First Mouse Super |
| <i>MS-DOS/V (Japanese)</i>                     | V6.2    | Microsoft | Pass   | Advansys ABP-930 + Fujitsu M2954SYU + Toshiba XM-6201B CD-ROM + ASUS AGP-V3000 + Microsoft IntelliMouse                      |
| <i>Microsoft Windows for Workgroup</i>         | V3.11   | Microsoft | Pass   | ASUS PCI-SC875 + Quantum HN2275SW + Panasonic CR-506-B CD-ROM + ASUS AGP-V3000L + Accton EN1203 + Logitech First Mouse Super |
| <i>Microsoft Windows (Chinese-Traditional)</i> | V3.1    | Microsoft | Pass   | On-board IDE + Quantum TX4000AT + WD AC24300 + Teac CD-532E CD-ROM + ASUS AGP-V3000L + Logitech First Mouse Super            |
| <i>Microsoft Windows (Chinese-Simplified)</i>  | V3.2    | Microsoft | Pass   | On-board IDE + Fujitsu MPA3026AT + NEC DSE2100A + Sony CDU611 CD-ROM + ASUS AGP-V3000L + Logitech First Mouse Super          |
| <i>Microsoft Windows (Japanese)</i>            | V3.1    | Microsoft | Pass   | Buslogic BT932 + Micropolis 4341NS + Panasonic CR-506-B CD-ROM + ASUS PCI-V3000 + Logitech First Mouse Super                 |
| <i>PC-DOS</i>                                  | V7.0    | IBM       | Pass   | AHA-3940W + Fujitsu M2952QAU + Pioneer DR-U12X CD-ROM + ASUS AGP-V3000L + Logitech First Mouse Super                         |
| <i>PC-DOS (Japanese)</i>                       | V6.1    | IBM       | Pass   | AdvanSys ABP-940 + Seagate ST32550N + Toshiba XM-6201B CD-ROM + ASUS AGP-V3000L + Logitech First Mouse Super                 |

##### 1.1.2 Application Software Compatibility

| <b>MS-DOS Utilities</b>                                      |         |               |                            |        |   |
|--|---------|---------------|----------------------------|--------|---|
| Package Name   | Version | Publisher     | O.S. Environment           | Status | Features Tested   |
| <i>EMM386.EXE</i>  | V6.22   | Microsoft     | MS-DOS V6.22               | Pass   | Add DEVICE=HIMEM.SYS & DEVICE=EMM386.EXE RAM to CONFIG.SYS.   |
| <i>HIMEM.SYS</i>   | V6.22   | Microsoft     | MS-DOS V6.22<br>WFWG V3.11 | Pass   | Add DEVICE=HIMEM.SYS & DOS=HIGH to CONFIG.SYS; Run windows.   |
| <i>KEYB</i>  | V6.22   | Microsoft     | MS-DOS V6.22               | Pass   | Use KEYB to swap keyboard codepage from US to GR and FR ... and keyin character, then change to US keyboard codepage again. |
| <i>MS-DOS Utilities</i>                                      | V6.22   | Microsoft     | MS-DOS V6.22               | Pass   | Test MEMMAKER, DRVSPACE, DEFRAG, MSD .... etc.  |
| <i>RAMDRIVE.SYS</i>  | V3.07   | Microsoft     | MS-DOS V6.22               | Pass   | Create 2 MB RAM drive in extended memory; Copy, compare, delete files on virtual drives.                                    |
| <b>Presentation Applications</b>                             |         |               |                            |        |   |
| Package Name   | Version | Publisher     | O.S. Environment           | Status | Features Tested   |
| <i>Graphic Impact</i>  | V2.0    | Autodesk      | WFWG V3.11                 | Pass   | Run G1 demo1 & G1 demo 2.   |
| <b>Graphics / Image Processing / Multimedia Applications</b> |         |               |                            |        |   |
| Package Name   | Version | Publisher     | O.S. Environment           | Status | Features Tested   |
| <i>Adobe Photoshop</i>                                       | V4.0    | Adobe         | WFWG V3.11                 | Pass   | Load different file format (.jpg, .tga...) and edit effect.   |
| <i>Image Pals</i>  | V2.0    | U-Lead        | WFWG V3.11                 | Pass   | Load Image files and Edit Collect Image files into album and do the slide show.   |
| <b>Utilities &amp; Tools</b>                                 |         |               |                            |        |   |
| Package Name   | Version | Publisher     | O.S. Environment           | Status | Features Tested   |
| <i>386 MAX</i>   | V8.0    | Qualitas      | MS-DOS V6.22               | Pass   | Install, Optimize Upper memory.   |
| <i>EZ-SCSI</i>   | V4.00E  | Adaptec       | WFWG V3.11                 | Pass   | Install ASPI drivers from FDD/HDD with corresponding Adaptec SCSI adapter in DOS/WIN environment & test functions.          |
| <i>Norton Commander</i>                                      | V5.0    | Symantec      | MS-DOS V6.22               | Pass   | Use the TSR utility to do copy, delete files.   |
| <i>Norton Utility</i>  | V8.0    | Symantec      | MS-DOS V6.22               | Pass   | Execute its utility such as: FileFind, Norton Disk Doctor.  |
| <i>PC-Tools for DOS</i>                                      | R9.0    | Central Point | MS-DOS V6.22               | Pass   | Execute its utility such as: FileFind, Disk Format.   |

| <b>Programming Language / Compiler</b>              |              |                     |                  |        |  |
|---|--------------|---------------------|------------------|--------|--|
| Package Name  | Version      | Publisher           | O.S. Environment | Status | Features Tested  |
| <i>Turbo C</i>                                      | V2.0         | Borland             | MS-DOS V6.22     | Pass   | Load a program file, Compile, Link, and Run this program.  |
| <i>Turbo Pascal</i>                                 | V7.0         | Borland             | MS-DOS V6.22     | Pass   | Load a program file, Compile, Link, and Run this program.  |
| <b>CAD &amp; DTP / Mathematics &amp; Statistics</b> |              |                     |                  |        |  |
| Package Name  | Version      | Publisher           | O.S. Environment | Status | Features Tested  |
| <i>AutoCAD</i>                                      | R13 C4a      | Autodesk            | MS-DOS V6.22     | Pass   | Open files, configure high resolution driver, redraw, hide, zoom in/out render sample file (DHOUSE). |
| <i>Mathematica</i>                                  | V2.2 Enhance | Wolfram Research    | Win V3.11        | Pass   | Install software, write a function call.   |
| <i>MicroStation</i>                                 | V5.0         | Bentley System Inc. | MS-DOS V6.22     | Pass   | Open files, configure high resolution driver, redraw, hide, zoom in/out render sample file.          |

## 1.2 Hardware Compatibility Test

| <b>IDE Controller</b>        |  |   |                                   |   |                        |                                   |        |
|------------------------------|--|---|-----------------------------------|---|------------------------|-----------------------------------|--------|
| Card Type                    | Primary IDE                                      |   |                                   | Secondary IDE                                 |                        | O.S. Environment                  | Status |
|                              | H.D.D./CD-ROM (Mode/Speed)                       | M/S                                     |                                   | H.D.D./CD-ROM (Mode/Speed)                    | M/S                    |                                   |        |
| <b>On-board IDE (PCI)</b>    | Fujitsu MPA3026AT (4)<br>Sony CDU611 (24X)       | M<br>S                                  |                                   | NEC DSE2100A (4)                              | M                      | Win V3.2<br>(Chinese-Simplified)  | Pass   |
|                              | IBM DAQA-33240 (4)<br>Philips PCA323CD (32X)     | M<br>S                                  |                                   | Maxtor 86480D6 (DMA33)                        | M                      | WFWG V3.11                        | Pass   |
|                              | Quantum TX4000AT (DMA33)<br>Teac CD-532E (32X)   | M<br>S                                  |                                   | WD AC24300 (DMA33)                            | M                      | Win V3.1<br>(Chinese-Traditional) | Pass   |
|                              | WD AC23200 (DMA33)                               | M                                       |                                   | Maxtor 82560D3 (DMA33)<br>NEC CDR-1600A (16X) | M<br>S                 | WFWG V3.11                        | Pass   |
|                              | Fujitsu MPB3064AT (DMA33)                        | M                                       |                                   | NEC DSE2100A (4)<br>Philips PCA203CD (20X)    | M<br>S                 | WFWG V3.11                        | Pass   |
|                              | Quantum SE4300AT (DMA33)                         | M                                       |                                   | Seagate ST36450A (4)<br>Funai E2950UA (16X)   | M<br>S                 | WFWG V3.11                        | Pass   |
|                              |  |   |                                   |   |                        |                                   |        |
| <b>SCSI Disk Controllers</b> |  |   |                                   |   |                        |                                   |        |
| Card Type                    | Card Model                                       | H.D.D.                                  | CD-ROM                            | O.S. Environment                              | Status                 |                                   |        |
| <b>SCSI (ISA)</b>            | <i>Adaptec AHA-1542CF Rev.C (BIOS:V2.02)</i>     | IBM DCAS34330                           | Plextor PX-32TSi                  | WFWG V3.11                                    | Pass                   |                                   |        |
| <b>SCSI (PCI)</b>            | <i>On-board AIC-7890AB</i>                       | Seagate ST34371W                        | Plextor PX-20TSi                  | WFWG V3.11                                    | Pass                   |                                   |        |
|                              | <i>ASUS PCI-SC200</i>                            | Quantum TM3200S                         | NEC CDR-1410A                     | WFWG V3.11                                    | Pass                   |                                   |        |
|                              | <i>ASUS PCI-SC875</i>                            | Quantum HN2275SW                        | Panasonic CR-506-B                | WFWG V3.11                                    | Pass                   |                                   |        |
| <b>Graphic Adapters</b>      |  |   |                                   |   |                        |                                   |        |
| Card Type                    | Card Model                                       | Peripheral Device                       | O.S. Environment                  | Status  | Remark                 |                                   |        |
| <b>VGA (PCI)</b>             | <i>ASUS 3DP-V375DX Rev.1.11 (BIOS:V1.01.03a)</i> | On-board IDE<br>Quantum TX4000AT        | Win V3.1<br>(Chinese-Traditional) | Pass  | S3-VIRGE/DX            |                                   |        |
|                              | <i>ASUS AGP-V264GT3 Rev. 1.02 (BIOS:3.071)</i>   | On-board AIC-7890AB<br>Seagate ST34371W | WFWG V3.11                        | Pass  | ATI 3D RAGE PRO AGP 2X |                                   |        |
|                              | <i>ASUS AGP-V3000 Rev. 1.02 (BIOS:1.50A)</i>     | On-board IDE<br>Fujitsu MPB3064AT       | WFWG V3.11                        | Pass  | STG3000                |                                   |        |
| <b>Multimedia Kit</b>        |  |   |                                   |   |                        |                                   |        |
| Card Type                    | Card Model                                       | Peripheral Device                       | O.S. Environment                  | Status  | Remark                 |                                   |        |
| <b>Sound Card</b>            | <i>Aopen AW32-3D</i>                             | On-board AIC-7890AB<br>Seagate ST34371W | WFWG V3.11                        | Pass  |                        |                                   |        |
|                              | <i>ASUS I-A16C Rev.1.2</i>                       | ASUS PCI-SC200<br>Seagate ST32550N      | WFWG V3.11                        | Pass  |                        |                                   |        |
|                              | <i>T.C. Star ATC931 Rev.A</i>                    | On-board IDE<br>Quantum TX4000AT        | Win V3.1<br>(Chinese-Traditional) | Pass  |                        |                                   |        |
| <b>MPEG Card</b>             | <i>W-2020 PCI MPEG</i>                           | On-board IDE<br>Fujitsu MPB3064AT       | WFWG V3.11                        | Pass  |                        |                                   |        |

| <b>Ethernet Adapters</b>     |  |                                |            |  |                          |                          |        |
|------------------------------|--|--------------------------------|------------|--|--------------------------|--------------------------|--------|
| Card Type                    | Card Model                                   | Configurations:                |            |  | O.S. Environment         | Status                   | Remark |
|                              |  | IRQ                            | Port Addr. | DMA  |                          |                          |        |
| Ethernet (ISA)               | <i>Cnet 288PnP Rev.A (Plug and Play)</i>     | 5                              | 340        |  | WFWG V3.11               | Pass                     |        |
|                              | <i>D-Link DE220PT Rev.C1 (Plug and Play)</i> | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Intel PCLA8205</i>                        | 5                              | 340        |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Novell NE2000Plus-3</i>                   | 5                              | 300        |  | WFWG V3.11               | Pass                     |        |
| Ethernet (PCI)               | <i>ASUS PCI-DEC10-TB+ Rev.B1</i>             | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>3COM 3C900 Rev.</i>                       | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Compaq NETFLEX-3/P Rev.A</i>              | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>D-Link DE-530CT+ Rev.A1</i>               | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Proteon P1670-EA</i>                      | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>SMC 8432BT Rev.A</i>                      | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
| 100BaseTx                    | <i>On-board Intel 82558</i>                  | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>ASUS PCI-DEC100TX+ Rev.01</i>             | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>3Com 3C905TX Rev.B</i>                    | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Accton EN1207 Rev.01</i>                  | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Digital DE500XA</i>                       | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>D-Link DFE-500TX Rev.B4</i>               | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Intel PILA8465B</i>                       | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>SMC 9332DST</i>                           | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
| <b>Token-Ring Adapters</b>   |  |                                |            |  |                          |                          |        |
| Card Type                    | Card Model                                   | Configurations:                |            |  | O.S. Environment         | Status                   | Remark |
|                              |  | IRQ                            | Port Addr. | DMA  |                          |                          |        |
| Token-Ring (ISA)             | <i>D-Link DT-220 Rev.B1</i>                  | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>IBM Auto 16/4 Adapter (Plug and Play)</i> | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Intel PCLA815X (Plug and Play)</i>        | 5                              | 340        |  | WFWG V3.11               | Pass                     |        |
|                              | <i>Olicom OC-3118 Rev.3 (Plug and Play)</i>  | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
| Token-Ring                   | <i>Proteon P1690</i>                         | Auto                           | Auto       |  | WFWG V3.11               | Pass                     |        |
| <b>Modem Devices</b>         |  |                                |            |  |                          |                          |        |
| Type                         | Model  | O.S. Environment               |            | Application  | Status                   | Remark / Special Setting |        |
| Modems (Internal)            | <i>Cardinal 28800 internal</i>               | Win V3.1 (Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download files | Pass                     | 28,800 BPS               |        |
| Modems (External)            | <i>Hayey Optima 288</i>                      | Win V3.1 (Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download files | Pass                     | 28,800 BPS               |        |
|                              | <i>USRobotics Sportster Vi336</i>            | Win V3.1 (Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download files | Pass                     | 28,800 BPS               |        |
| <b>Removable HDD Devices</b> |  |                                |            |  |                          |                          |        |
| Type                         | Model  |                                |            | Status   | Remark / Special Setting |                          |        |
| SCSI                         | <i>Fujitsu Dyna 640</i>                      | WFWG V3.11                     |            | Pass   |                          |                          |        |
| IDE                          | <i>Fujitsu M2541BE02</i>                     | WFWG V3.11                     |            | Pass   |                          |                          |        |

| <b>ZIP Devices</b> |                          |                  |        |                          |
|--------------------|--------------------------|------------------|--------|--------------------------|
| Type               | Model                    | O.S. Environment | Status | Remark / Special Setting |
| SCSI               | <i>lomega Z100S2</i>     | WFWG V3.11       | Pass   |                          |
|                    | <i>lomega V1000S JAZ</i> | WFWG V3.11       | Pass   |                          |
| IDE                | <i>lomega Z100 iDE</i>   | WFWG V3.11       | Pass   |                          |

### 1.3 Field (stress) Test

|                       |   |                 |                 |  |
|-----------------------|---|-----------------|-----------------|--|
| <b>Test Type</b>      | <b>Windows for Workgroup Integrate network access test</b>  |                 |                 |  |
| <b>Configuration</b>  | Intel Pentium II-350 + 64MB(SDRAM 64MB) + 512KB(Internal) + ASUS PCI-SC875 + Quantum HN2275SW + Panasonic CR-506-B CD-ROM + ASUS AGP-V264GT3 + 3COM 3C900 + Logitech First Mouse Super<br>2 * Peers (Windows for Workgroup V3.11)   |                 |                 |  |
| <b>Test Procedure</b> | Run Multitasking in this PC and access other workstation resource from network environment.   |                 |                 |  |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>15 Hours</b> |  |
| <b>Test Type</b>      | <b>Windows for Workgroup Integrate network access test</b>  |                 |                 |  |
| <b>Configuration</b>  | Intel Pentium II-350 + 32MB(SDRAM 16MB * 2) + 512KB(Internal) + On-board IDE + WD AC23200 + Maxtor 82560D3 + NEC CDR-1600A CD-ROM + ASUS 3DP-V375DX + ASUS PCI-DEC100TX + Logitech First Mouse Super<br>1 * Peer (Windows for Workgroup V3.11)<br>1 * Peer (Windows NT Server V4.0) |                 |                 |  |
| <b>Test Procedure</b> | Run Multitasking in this PC and access other workstation resource from network environment.   |                 |                 |  |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>16 Hours</b> |  |

## 2. Microsoft Windows 95 Operating System Test

### 2.1 Software Compatibility Test

#### 2.1.1 Operating System Compatibility

| O.S. Name                           | Version      | Publisher | Status | Hardware Configuration / Hard Disk & Controller   |
|-------------------------------------|--------------|-----------|--------|---|
| Windows 95                          | V950B        | Microsoft | Pass   | Buslogic BT932 + Seagate ST31055N + Toshiba XM-6201B CD-ROM + ASUS 3DP-V264GT2/TV + FUNAI FSO-PNP3D Sound Master + Genius Serial Mouse                            |
| Windows 95<br>(Chinese-Simplified)  | V950B        | Microsoft | Pass   | On-board IDE + Fujitsu MPB3064AT + Seagate ST32132A + WD AC34000 + Panasonic CR-586-B CD-ROM + ASUS AGP-V3000 + Thomas-Conrad TC5048 + Logitech First Mouse Super |
| Windows 95<br>(Chinese-Traditional) | V950B        | Microsoft | Pass   | On-board IDE + Maxtor 85250D6 + ASUS CD-S340 CD-ROM + ASUS AGP-V3000 + Genius Serial Mouse  |
| Windows 95<br>(German)              | V950B        | Microsoft | Pass   | On-board IDE + IBM DCAA-33610 + Quantum TM2110AT + Sony CDU611 CD-ROM + ASUS AGP-V3000 + Proteon P1670-EA + Logitech First Mouse Super                            |
| Windows 95<br>(Japanese)            | V950B        | Microsoft | Pass   | On-board IDE + Maxtor 88400D8 + Maxtor 83201A6 + Maxtor 83500A8 + Toshiba XM-6102B CD-ROM + ASUS AGP-V3000 + SMC 8432BT + Logitech First Mouse Super              |
| Windows 98                          | RC-0<br>1691 | Microsoft | Pass   | On-board AIC-7890AB + Quantum PX04L006 + Plextor PX-20TSi CD-ROM + ASUS AGP-V2740 + Logitech M-M35 Serial Mouse   |
| Windows 98                          | 1720         | Microsoft | Pass   | On-board IDE + Maxtor 85250D6 + ASUS CD-S340 CD-ROM + ASUS AGP-V3000 + Logitech MouseMan + Creative Sound Blaster 16XV  |
| Windows 98<br>(Chinese-Traditional) | RC-0<br>1691 | Microsoft | Pass   | Adaptec AHA-2940AU + Quantum TM3200S + Pioneer DR-U06S CD-ROM + ASUS AGP-V2740 + Logitech M-M35 Serial Mouse  |

#### 2.1.2 Application Software Compatibility

| <b>Graphics / Image Processing / Multimedia Applications</b> |         |             |                                      |        |   |
|--|---------|-------------|--------------------------------------|--------|---|
| Package Name   | Version | Publisher   | O.S. Environment                     | Status | Features Tested   |
| ABC Graphics Suite   | V6.0    | Micrografx  | Win95 V950B                          | Pass   | Install from CD-ROM, and open sample files, edit, modify and save.  |
| Astound  | V2.0    | Gold Disk   | Win95 V950B                          | Pass   | Install from CD-ROM, load file & edit it, adding clipart and present a slide show.                        |
| Encarta 98<br>Encyclopedia                                   | V1.0    | Microsoft   | Win95 V950B                          | Pass   | Install from CD-ROM, find and view articles.  |
| MetaTools Kais<br>Power GOO                                  | V1.0    | MetaTools   | Win95 V950B                          | Pass   | Install, paint on sample photo in Goo Room and Fusion Room.   |
| Photoshop  | V4.0    | Adobe       | Win95 V950B                          | Pass   | Install, open sample file and edit it.  |
| Visio for windows  | V4.0    | VISIO       | Win95 V950B                          | Pass   | Install from CD-ROM, open files, edit & save files.   |
| WordPerfect Suite  | V8.0    | Corel       | Win95 V950B                          | Pass   | Install from CD-ROM, create new or open exist sample documents, select element to modify format the form. |
| <b>Database Applications</b>                                 |         |             |                                      |        |   |
| Package Name   | Version | Publisher   | O.S. Environment                     | Status | Features Tested   |
| Delphi Desktop   | V3.0    | Borland     | Win95 V950B                          | Pass   | Load a program file, Compile, Link, and Run this program.   |
| Visual FoxPro  | V5.0    | Microsoft   | Win95 V950B                          | Pass   | Load a program file, Compile, Link, and Run this program.   |
| <b>Utilities &amp; Tools</b>                                 |         |             |                                      |        |   |
| Package Name   | Version | Publisher   | O.S. Environment                     | Status | Features Tested   |
| ET2000 for Windows<br>95                                     | V5.1    | ETEN        | Win95 V950B<br>(Chinese-Traditional) | Pass   | Install from network and execute its utilities.   |
| Norton Antivirus   | V1.0    | Symantec    | Win95 V950B                          | Pass   | Install and execute virus scan.   |
| Norton Navigator   | V1.0    | Symantec    | Win95 V950B                          | Pass   | Install and execute some features commands in desktop.  |
| Norton Utility for<br>Windows 95                             | V1.0    | Symantec    | Win95 V950B<br>(Chinese-Traditional) | Pass   | Execute its utility such as: FileFind, Norton Disk Doctor, System Information.                            |
| QEMM 97  | V9.0    | Quarterdeck | Win95 V950B                          | Pass   | Install, use Optimize to optimize memory, test Stealth function(Include ST:M & ST:F test).                |

| <b>Integrate Applications / Project Management</b>  |                      |            |                                   |        |   |
|---|----------------------|------------|-----------------------------------|--------|---|
| Package Name  | Version              | Publisher  | O.S. Environment                  | Status | Features Tested   |
| <i>Lotus Smart Suite 96</i>                         | V1.0                 | Lotus      | Win95 V950B                       | Pass   | Install from CD-ROM and execute Freelance, Organizer, Word Pro 96, Approach, Lotus 1-2-3. Access application sample files open and save function. |
| <i>Office 95</i>                                    | Professional Edition | Microsoft  | Win95 V950B                       | Pass   | Install from CD-ROM and execute Powerpoint, Excel, Schedule Plus, Word, Access application sample files open and save function.                   |
| <i>Office 97</i>                                    | Professional Edition | Microsoft  | Win95 V950B                       | Pass   | Install from CD-ROM and execute Powerpoint, Excel, Schedule Plus, Word, Access application sample files open and save function.                   |
| <i>Office 95 (Chinese-Traditional)</i>              | Professional Edition | Microsoft  | Win95 V950B (Chinese-Traditional) | Pass   | Install from CD-ROM and execute Powerpoint, Excel, Schedule Plus, Word, Access application sample files open and save function.                   |
| <i>Project 98</i>                                   | V1.0                 | Microsoft  | Win95 V950B                       | Pass   | Load a sample file, make organize project.  |
| <i>Windows95 PLUS!</i>                              | V1.0                 | Microsoft  | Win95 V950B                       | Pass   | Install from CD-ROM, and using Screen Saver, Themes change, Mouse Pointer and Events sound change function.                                       |
| <i>Windows95 PLUS! (Chinese-Traditional)</i>        | V1.0                 | Microsoft  | Win95 V950B (Chinese-Traditional) | Pass   | Install from CD-ROM, and using Screen Saver, Themes change, Mouse Pointer and Events sound change function.                                       |
| <i>WinHelp Office</i>                               | V1.0                 | Blue Sky   | Win95 V950B (Chinese-Traditional) | Pass   | Install applications suite, Load a Help file, Compiler a electronic help file.  |
| <i>Works</i>  | V4.0                 | Microsoft  | Win95 V950B                       | Pass   | Open database, spreadsheet, word processing file and edit.  |
| <i>Works (Chinese-Traditional)</i>                  | V4.0                 | Microsoft  | Win95 V950B (Chinese-Traditional) | Pass   | Open database, spreadsheet, word processing file and edit.  |
| <b>Programming Language / Compiler</b>              |                      |            |                                   |        |   |
| Package Name  | Version              | Publisher  | O.S. Environment                  | Status | Features Tested   |
| <i>Visual Basic</i>                                 | V5.0                 | Microsoft  | Win95 V950B                       | Pass   | Load a program file, Compile, Link, and Run this program.   |
| <i>Visual C++</i>                                   | V5.0                 | Microsoft  | Win95 V950B                       | Pass   | Load a program file, Compile, Link, and Run this program.   |
| <b>CAD &amp; DTP / Mathematics &amp; Statistics</b> |                      |            |                                   |        |   |
| Package Name  | Version              | Publisher  | O.S. Environment                  | Status | Features Tested   |
| <i>3D Studio MAX</i>                                | V1.2                 | Autodesk   | Win95 V950B                       | Pass   | Install from CD-ROM, open existing 3D Studio MAX scene, play animation, create object, edit & render the scene.                                   |
| <i>3D Studio MAX</i>                                | R2                   | Autodesk   | Win95 V950B                       | Pass   | Install from CD-ROM, open existing 3D Studio MAX scene, play animation, create object, edit & render the scene.                                   |
| <i>AutoCAD for Windows95</i>                        | R14                  | Autodesk   | Win95 V950B                       | Pass   | Install from CD-ROM, open existing 3D scene, play animation, create object, edit & render the scene.  |
| <i>AutoCAD for Windows95 (Chinese-Traditional)</i>  | R14                  | Autodesk   | Win95 V950B (Chinese-Traditional) | Pass   | Install from CD-ROM, open existing 3D scene, play animation, create object, edit & render the scene.  |
| <i>Extreme 3D</i>                                   | V1.0                 | Micromedia | Win95 V950B                       | Pass   | Install from CD-ROM, display demo film & pictures, open scene, edit and set Render, toggle Animation.   |
| <b>Communication / Remote Control / E-Mail</b>      |                      |            |                                   |        |   |
| Package Name  | Version              | Publisher  | O.S. Environment                  | Status | Features Tested   |
| <i>Windows 95 Fax</i>                               | V950                 | Microsoft  | Win95 V950B                       | Pass   | Send / Receive FAX Document.  |

## 2.2 Hardware Compatibility Test

| <b>IDE Controller</b>     |   |        |  |        |                                      |        |
|---------------------------|---|--------|--|--------|--------------------------------------|--------|
| Card Type                 | Primary IDE   |        | Secondary IDE                              |        | O.S. Environment                     | Status |
|                           | H.D.D./CD-ROM (Mode/Speed)                            | M/S    | H.D.D./CD-ROM (Mode/Speed)                 | M/S    |                                      |        |
| <b>On-board IDE (PCI)</b> | Fujitsu MPB3021AT (DMA33)<br>BTC BCD16XA (16X)        | M<br>S | IBM DAQA-32160 (4)<br>Seagate ST32531A (4) | M<br>S | Win95 V950B<br>(Chinese-Traditional) | Pass   |
|                           | Fujitsu MPB3032AT (DMA33)<br>Panasonic CR-585-B (24X) | M<br>S | None                                       |        | Win95 V950B<br>(Chinese-Traditional) | Pass   |
|                           | Fujitsu MPB3052AT (DMA33)<br>Quantum SE2100AT (DMA33) | M<br>S | Quantum TM3840AT (4)<br>Teac CD-524E (24X) | M<br>S | Win95 V950B<br>(Japanese)            | Pass   |

| <b>IDE Controller</b>     |   |        |  |        |                                      |        |
|---------------------------|---|--------|--|--------|--------------------------------------|--------|
| Card Type                 | Primary IDE   |        | Secondary IDE                                    |        | O.S. Environment                     | Status |
|                           | H.D.D./CD-ROM (Mode/Speed)                          | M/S    | H.D.D./CD-ROM (Mode/Speed)                       | M/S    |                                      |        |
| <b>On-board IDE (PCI)</b> | Fujitsu MPB3064AT (DMA33)<br>Seagate ST32132A (4)   | M<br>S | WD AC34000 (4)<br>Panasonic CR-586-B (32X)       | M<br>S | Win95 V950B<br>(Chinese-Simplified)  | Pass   |
|                           | IBM DHEA-36480 (DMA33)<br>Fujitsu MPB3043AT (DMA33) | M<br>S | Philips PCA163CD (16X)<br>Maxtor 82560D3 (DMA33) | M<br>S | Win95 V950B<br>(Chinese-Simplified)  | Pass   |
|                           | IBM DHEA-38451 (DMA33)                              | M      | Pioneer DR-A24X (24X)                            | M      | Win95 V950B                          | Pass   |
|                           | Maxtor 84320D5 (DMA33)<br>BTC BCD24XM (24X)         | M<br>S | Maxtor 83062A7 (4)<br>Quantum CY4335AT (4)       | M<br>S | Win98 RC-0 1691                      | Pass   |
|                           | Maxtor 86480D6 (DMA33)<br>Fujitsu MPB3052AT (DMA33) | M<br>S | Sony CDU571 (16X)<br>Quantum ST6480AT (DMA33)    | M<br>S | Win95 V950B<br>(Chinese-Traditional) | Pass   |
|                           | Maxtor 88400D8 (DMA33)<br>Toshiba XM-6102B (24X)    | M<br>S | Maxtor 83201A6 (4)<br>Maxtor 83500A8 (4)         | M<br>S | Win95 V950B<br>(Japanese)            | Pass   |
|                           | Quantum SE4300AT (DMA33)<br>Micropolis 4525A (4)    | M<br>S | Acer CD616A (18X)<br>Fujitsu MPA3017AT (4)       | M<br>S | Win95 V950B                          | Pass   |
|                           | Quantum ST3240AT (DMA33)<br>WD WDAC21600 (4)        | M<br>S | Hitachi CDR-8430 (32X)                           | M      | Win95 V950B                          | Pass   |
|                           | Quantum ST4320AT (DMA33)                            | M      | ASUS Cd-S340 (34X)                               | M      | Win95 V950B                          | Pass   |
|                           | Quantum TX4000AT (DMA33)<br>Sony CDU711 (32X)       | M<br>S | IBM DJAA-31700 (4)<br>Seagate ST52520A (4)       | M<br>S | Win95 V950B<br>(Chinese-Traditional) | Pass   |
|                           | Samsung VG33402A (DMA33)<br>Hitachi CDR-8430 (32X)  | M<br>S | Fujitsu MPA3017AT (4)<br>Micropolis 4525A (4)    | M<br>S | Win95 V950B<br>(German)              | Pass   |
|                           | Seagate ST32122A (DMA33)<br>DCS C706A (16X)         | M<br>S | None   |        | Win95 V950B<br>(Chinese-Traditional) | Pass   |
|                           | Seagate ST33232A (DMA33)<br>IBM DCAA-33610 (4)      | M<br>S | Sony CDU611 (24X)<br>Quantum TM2110AT (4)        | M<br>S | Win95 V950B<br>(German)              | Pass   |
|                           | Seagate ST34342A (DMA33)<br>Philips PCA323CD (32X)  | M<br>S | NEC DSE2100A (4)<br>Quantum TM3200AT (4)         | M<br>S | Win95 V950B<br>(Japanese)            | Pass   |
|                           | Seagate ST36450A (4)<br>IBM DCAA-34330 (4)          | M<br>S | NEC CDR-1800A (24X)<br>Maxtor 84000A6 (4)        | M<br>S | Win95 V950B                          | Pass   |
|                           | WD AC23200 (DMA33)<br>WD WDAC33100 (4)              | M<br>S | Aopen CD-932E (32X)<br>Maxtor 85120A8 (4)        | M<br>S | Win95 V950B                          | Pass   |
|                           | WD AC24300 (DMA33)<br>Philips PCA243CD (24X)        | M<br>S | Maxtor 85250D6 (DMA33)<br>WD AC12100 (DMA33)     | M<br>S | Win95 V950B                          | Pass   |
|                           | WD AC35100 (DMA33)<br>Samsung WNR-31601A (4)        | M<br>S | ASUS CD-S340 (34X)<br>Seagate ST51270A (4)       | M<br>S | Win95 V950B                          | Pass   |
|                           | WD AC36400 (DMA33)                                  | M      | Teac CD-532E (32X)                               | M      | Win95 V950B<br>(Chinese-Traditional) | Pass   |

| <b>SCSI Disk Controllers</b> |  |  |                                    |  |        |
|------------------------------|--|--|------------------------------------|--|--------|
| Card Type                    | Card Model                                       | H.D.D.   | CD-ROM                             | O.S. Environment                         | Status |
| <b>SCSI (ISA)</b>            | <i>Adaptec AHA-1542CF Rev.C (BIOS:V2.02)</i>     | Seagate ST34501N   | Plextor PX-20TSi                   | Win95 V950B                              | Pass   |
|                              | <i>Adaptec AHA-1542CP Rev.B (BIOS:V1.02)</i>     | Quantum TM3200S  | NEC CDR-512                        | Win95 V950B                              | Pass   |
| <b>SCSI (PCI)</b>            | <i>On-board AIC-7890AB Rev.1.0 (BIOS:V20107)</i> | Seagate ST34501W   | Plextor PX-20TSi                   | Win95 V950B                              | Pass   |
|                              | <i>ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)</i>       | Seagate ST34371W   | Sony CDU516                        | Win95 V950B<br>(Japanese)                | Pass   |
|                              | <i>ASUS PCI-DA2100 Rev.3A (BIOS:V1.14A)</i>      | Seagate ST34371W<br>Quantum HN4550SW<br>Quantum HN2275SW | On-board IDE<br>NEC CDR-CC-24      | Win95 V950B<br>(Chinese-Traditional)     | Pass   |
|                              | <i>ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)</i>       | Maxtor MX9217SSN   | NEC CDR-1610A                      | Win98 RC-0 1691<br>(Chinese-Traditional) | Pass   |
|                              | <i>ASUS PCI-SC860 Rev.1.2 (BIOS:V4.03)</i>       | Quantum TM2110S  | NEC CDR-512                        | Win98 RC-0 1691                          | Pass   |
|                              | <i>ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)</i>       | Quantum VK4550S  | Plextor PX-12TSi                   | Win95 V950B<br>(Chinese-Simplified)      | Pass   |
|                              | <i>Adaptec AHA-2940AU Rev.C (BIOS:V1.30)</i>     | Micropolis 4345AV  | Pioneer DR-U06S                    | Win95 V950B                              | Pass   |
|                              | <i>Adaptec AHA-2940UW Rev.C (BIOS:V1.25)</i>     | Seagate ST34501W   | NEC CDR-1410A                      | Win95 V950B                              | Pass   |
|                              | <i>Adaptec AHA-3940UW Rev.A (BIOS:V1.25)</i>     | Quantum HN2275SW   | On-board IDE<br>Panasonic CR-585-B | Win95 V950B<br>(Chinese-Traditional)     | Pass   |
|                              | <i>AdvanSys ABP-930UA Rev.A (BIOS:V2.6L)</i>     | Seagate ST32171N   | Sony CDU516                        | Win95 V950B                              | Pass   |



| <b>SCSI Disk Controllers</b> |   |                                    |                                      |  |                           |
|------------------------------|---|------------------------------------|--------------------------------------|--|---------------------------|
| <b>Card Type</b>             | <b>Card Model</b>   | <b>H.D.D.</b>                      | <b>CD-ROM</b>                        | <b>O.S. Environment</b>                  | <b>Status</b>             |
| <b>SCSI<br/>(PCI)</b>        | <i>AdvanSys ABP-940U<br/>Rev.A (BIOS:V2.6L)</i>                 | Seagate ST32171N                   | Sony CDU516                          | Win95 V950B                              | Pass                      |
|                              | <i>Buslogic BT930<br/>Rev.A (BIOS:V1.41d)</i>                   | Seagate ST31055N                   | Toshiba XM-6201B                     | Win95 V950B                              | Pass                      |
|                              | <i>Buslogic BT932<br/>Rev.A (BIOS:V1.41d)</i>                   | Seagate ST31055N                   | Toshiba XM-6201B                     | Win95 V950B                              | Pass                      |
|                              | <i>Buslogic BT948C<br/>Rev.Ab (BIOS:4.96F)</i>                  | Quantum TM3200S                    | NEC CDR-1410A                        | Win95 V950B                              | Pass                      |
|                              | <i>Buslogic BT950<br/>Rev.A (BIOS:V4.96F)</i>                   | Quantum HN4550SW                   | NEC CDR-1610A                        | Win98 RC-0 1691                          | Pass                      |
|                              | <i>DPT PM2144<br/>(BIOS:V003.A0)</i>                            | Quantum HN2275SW                   | Plextor PX-20TSi                     | Win95 V950B                              | Pass                      |
|                              | <i>DPT PM3234<br/>(BIOS:V003.A0)</i>                            | Quantum TM2110S                    | Pioneer DR-U06S                      | Win98 RC-0 1691<br>(Chinese-Traditional) | Pass                      |
|                              | <i>Initio INI-9100U<br/>Rev.D (BIOS:V1.02)</i>                  | Seagate ST34501N                   | NEC CDR-512                          | Win95 V950B                              | Pass                      |
|                              | <i>Initio INI-9100UW<br/>Rev.D (BIOS:V1.02)</i>                 | Seagate ST34501W                   | Pioneer DR-U06S                      | Win95 V950B                              | Pass                      |
|                              | <i>Promise SCSIMAX<br/>Rev.B (BIOS:V3.07)</i>                   | Quantum HN2275SW                   | Plextor PX-20TSi                     | Win95 V950B                              | Pass                      |
|                              | <i>Promise SCSIULTRA<br/>Rev.B (BIOS:V4.03)</i>                 | Seagate ST34501W                   | NEC CDR-512                          | Win95 V950B                              | Pass                      |
| <b>Graphic Adapters</b>      |   |                                    |                                      |  |                           |
| <b>Card Type</b>             | <b>Card Model</b>   | <b>Peripheral Device</b>           | <b>O.S. Environment</b>              | <b>Status</b>                            | <b>Remark</b>             |
| <b>VGA<br/>(PCI)</b>         | <i>ASUS PCI-V264GT/Plus<br/>Rev.1.2<br/>(BIOS:V3.8.0/3.007)</i> | On-board IDE<br>Fujitsu MPA3017AT  | Win95 V950B                          | Pass                                     | ATI 3D RAGE II            |
|                              | <i>ASUS PCI-V775V2<br/>Rev.1.11<br/>(BIOS:V2.04.01)</i>         | On-board IDE<br>Maxtor 85250D6     | Win95 V950B<br>(Chinese-Traditional) | Pass                                     | S3-Trio64V2/DX            |
|                              | <i>ASUS 3DP-V375DX<br/>Rev.1.11<br/>(BIOS:V1.01.03a)</i>        | ASUS PCI-SC875<br>Quantum VK4550S  | Win95 V950B<br>(Chinese-Simplified)  | Pass                                     | S3-ViRGE/DX               |
|                              | <i>ASUS 3DP-V264GT/Pro<br/>Rev. 1.01<br/>(BIOS:V3.043)</i>      | ASUS PCI-AS300<br>Seagate ST34371W | Win95 V950B<br>(Japanese)            | Pass                                     | ATI 3D RAGE II + DVD      |
|                              | <i>ASUS 3DP-V264GT2/TV<br/>Rev. 1.02<br/>(BIOS:V3.043)</i>      | Buslogic BT932<br>Seagate ST31055N | Win95 V950B                          | Pass                                     | ATI 3D RAGE II + DVD      |
|                              | <i>ASUS 3DP-V3000<br/>Rev. 1.02<br/>(BIOS:V1.51B)</i>           | ASUS PCI-SC875<br>Quantum VK4550S  | Win95 V950B<br>(Chinese-Simplified)  | Pass                                     | RIVA 128                  |
|                              | <i>ASUS 3DP-V385GX2<br/>Rev. 1.02<br/>(BIOS:V2.16.13)</i>       | ASUS PCI-AS300<br>Seagate ST34371W | Win95 V950B<br>(Japanese)            | Pass                                     | S3-ViRGE/GX2              |
|                              | <i>Diamond Stealth 3D 3000<br/>(BIOS:V1.00)</i>                 | On-board IDE<br>Fujitsu MPA3017AT  | Win95 V950B                          | Pass                                     | S3-ViRGE/VX               |
|                              | <i>Leadtek Winfast 3D<br/>S600DX<br/>(BIOS:V1.00)</i>           | On-board IDE<br>Fujitsu MPA3017AT  | Win95 V950B                          | Pass                                     | S3-ViRGE/DX               |
|                              | <i>Matrox MGA MYST/4+<br/>Rev. A (BIOS:V1.4)</i>                | ASUS PCI-AS300<br>Seagate ST34501W | Win95 V950B                          | Pass                                     | Matrox 64-Bit Graphics    |
| <b>VGA<br/>(AGP)</b>         | <i>ASUS AGP-V3000<br/>Rev. 1.02<br/>(BIOS:V1.51B)</i>           | On-board IDE<br>Maxtor 85250D6     | Win95 V950B<br>(Chinese-Traditional) | Pass                                     | RIVA 128                  |
|                              | <i>ASUS AGP-V264GT3<br/>Rev. 1.02<br/>(BIOS:V3.071)</i>         | ASUS PCI-SC875<br>Quantum VK4550S  | Win95 V950B<br>(Chinese-Simplified)  | Pass                                     | ATI 3D RAGE PRO<br>AGP 2X |
|                              | <i>ATI XPERT@Work<br/>(BIOS:V1.00)</i>                          | On-board IDE<br>Fujitsu MPA3017AT  | Win95 V950B                          | Pass                                     | ATI 3D RAGE PRO<br>AGP 2X |
|                              | <i>Leadtek 3D L2300<br/>Rev. B<br/>(BIOS:V1.35)</i>             | On-board IDE<br>Fujitsu MPA3017AT  | Win95 V950B                          | Pass                                     | 3Dlabs Permedia           |
|                              | <i>Elitegroup 3D-Vision 985</i>                                 | On-board IDE<br>Fujitsu MPA3017AT  | Win95 V950B                          | Pass                                     | Trident 9850              |

| <b>Graphic Adapters</b>  |   |                                       |      |  |                                   |        |                        |
|--------------------------|---|---------------------------------------|------|--|-----------------------------------|--------|------------------------|
| Card Type                | Card Model                                  | Peripheral Device                     |      |  | O.S. Environment                  | Status | Remark                 |
| VGA (AGP)                | Matrox MGA-MIL2P/4+ AGP Rev. A (BIOS:V1.01) | On-board IDE<br>Fujitsu MPA3017AT     |      |  | Win95 V950B                       | Pass   | Matrox 64-Bit Graphics |
| <b>Multimedia Kit</b>    |   |                                       |      |  |                                   |        |                        |
| Card Type                | Card Model                                  | Peripheral Device                     |      |  | O.S. Environment                  | Status | Remark                 |
| Sound Card               | ASUS I-A16C Rev.1.2                         | ASUS PCI-SC875<br>Quantum VK4550S     |      |  | Win95 V950B (Chinese-Simplified)  | Pass   |                        |
|                          | ACER DCS S711 Sound Image                   | On-board IDE<br>Fujitsu MPA3017AT     |      |  | Win95 V950B                       | Pass   |                        |
|                          | AOpen AW-32PnP Sound                        | Buslogic BT932<br>Seagate ST31055N    |      |  | Win95 V950B                       | Pass   |                        |
|                          | Creative Sound Blaster AWE32 PnP            | On-board IDE<br>Maxtor 85250D6        |      |  | Win95 V950B (Chinese-Traditional) | Pass   |                        |
|                          | Creative Sound Blaster AWE64 PnP            | On-board IDE<br>Maxtor 85250D6        |      |  | Win95 V950B (Chinese-Traditional) | Pass   |                        |
|                          | FUNAI FSO-PNP3D Sound Master                | Buslogic BT932<br>Quantum VK4550S     |      |  | Win95 V950B                       | Pass   |                        |
|                          | Turtle Beach MultiSound Pinnacle            | On-board IDE<br>Fujitsu MPA3017AT     |      |  | Win95 V950B                       | Pass   |                        |
|                          | T.C. Star ATC931 Sound Adapter              | ASUS PCI-AS300<br>Seagate ST34371W    |      |  | Win95 V950B (Japanese)            | Pass   |                        |
|                          | Triplex 3D Maestro PCI Sound Card           | On-board IDE<br>Fujitsu MPA3017AT     |      |  | Win95 V950B                       | Pass   |                        |
| Others                   | Acer DCS P531 MPEG Player                   | On-board IDE<br>Fujitsu MPA3017AT     |      |  | Win95 V950B                       | Pass   |                        |
|                          | Leadtek WinView 601 TV/Capture Card         | On-board IDE<br>Fujitsu MPA3017AT     |      |  | Win95 V950B                       | Pass   |                        |
| <b>Ethernet Adapters</b> |   |                                       |      |  |                                   |        |                        |
| Card Type                | Card Model                                  | Configurations:<br>IRQ Port Addr. DMA |      |  | O.S. Environment                  | Status | Remark                 |
| Ethernet (ISA)           | 3COM 3C509B-TP (Plug and Play)              | 5                                     | 360  |  | Win95 V950B (Chinese-Simplified)  | Pass   |                        |
|                          | Accton EN166X Rev.02 (Plug and Play)        | Auto                                  | Auto |  | Win95 V950B (Chinese-Simplified)  | Pass   |                        |
|                          | Cnet 288PnP Rev.A (Plug and Play)           | Auto                                  | Auto |  | Win95 V950B                       | Pass   |                        |
|                          | D-Link DE220PCT                             | Auto                                  | Auto |  | Win95 V950B (Chinese-Traditional) | Pass   |                        |
|                          | Intel PCLA8205                              | Auto                                  | Auto |  | Win95 V950B (German)              | Pass   |                        |
|                          | Novell NE2000Plus-3                         | 5                                     | 300  |  | Win95 V950B                       | Pass   |                        |
|                          | SMC 8013WC Rev.A                            | 10                                    | 300  |  | Win95 V950B                       | Pass   |                        |
| Ethernet (PCI)           | ASUS PCI-DEC10-TB+ Rev.B2                   | Auto                                  | Auto |  | Win95 V950B                       | Pass   |                        |
|                          | 3COM 3C590C Rev.14                          | Auto                                  | Auto |  | Win95 V950B (Chinese-Traditional) | Pass   |                        |
|                          | Accton EN1203 Rev.01C                       | Auto                                  | Auto |  | Win95 V950B (Chinese-Traditional) | Pass   |                        |
|                          | Accton EN1208 Rev.01A                       | Auto                                  | Auto |  | Win95 V950B (Japanese)            | Pass   |                        |
|                          | Cogent EM960                                | Auto                                  | Auto |  | Win98 RC-0 1691                   | Pass   |                        |
|                          | Digital DE450AC Rev.A01                     | Auto                                  | Auto |  | Win98 RC-0 1691                   | Pass   |                        |
|                          | Proteon P1670-EA                            | Auto                                  | Auto |  | Win95 V950B (German)              | Pass   |                        |
|                          | SMC 8432BT Rev.A                            | Auto                                  | Auto |  | Win95 V950B (Japanese)            | Pass   |                        |
|                          | Thomas-Conrad TC5048 Rev.A                  | Auto                                  | Auto |  | Win95 V950B (Chinese-Simplified)  | Pass   |                        |
| 100BaseTx                | On-board Intel 82558                        | Auto                                  | Auto |  | Win95 V950B (Chinese-Traditional) | Pass   |                        |
|                          | ASUS PCI-DEC100TX+ Rev.01                   | Auto                                  | Auto |  | Win95 V950B (Chinese-Traditional) | Pass   |                        |

| <b>Ethernet Adapters</b>   |   |                                      |            |  |                                      |                          |        |
|----------------------------|---|--------------------------------------|------------|--|--------------------------------------|--------------------------|--------|
| Card Type                  | Card Model                              | Configurations:                      |            |  | O.S. Environment                     | Status                   | Remark |
|                            |   | IRQ                                  | Port Addr. | DMA  |                                      |                          |        |
| 100BaseTx                  | ASUS PCI-L101                           | Auto                                 | Auto       |  | Win95 V950B<br>(Chinese-Traditional) | Pass                     |        |
|                            | 3Com 3C595TX Rev.B                      | Auto                                 | Auto       |  | Win95 V950B<br>(Chinese-Traditional) | Pass                     |        |
|                            | 3Com 3C905TX Rev.B                      | Auto                                 | Auto       |  | Win95 V950B<br>(Chinese-Traditional) | Pass                     |        |
|                            | Accton EN1207 Rev.01                    | Auto                                 | Auto       |  | Win95 V950B<br>(Chinese-Simplified)  | Pass                     |        |
|                            | Cnet CN100TX                            | Auto                                 | Auto       |  | Win95 V950B<br>(Chinese-Traditional) | Pass                     |        |
|                            | Cogent EM110TX                          | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
|                            | Digital DE500XA                         | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
|                            | Intel PILA8465                          | Auto                                 | Auto       |  | Win95 V950B<br>(Japanese)            | Pass                     |        |
|                            | Intel PILA8465B                         | Auto                                 | Auto       |  | Win95 V950B<br>(Chinese-Simplified)  | Pass                     |        |
|                            | SMC 9332DST                             | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
| <b>Token-Ring Adapters</b> |   |                                      |            |  |                                      |                          |        |
| Card Type                  | Card Model                              | Configurations:                      |            |  | O.S. Environment                     | Status                   | Remark |
|                            |   | IRQ                                  | Port Addr. | DMA  |                                      |                          |        |
| Token-Ring (ISA)           | 3COM 3C619C Rev.A                       | 2                                    | A20        |  | Win95 V950B                          | Pass                     |        |
|                            | Accton TR1615 Rev.C1                    | 2                                    | A20        |  | Win95 V950B                          | Pass                     |        |
|                            | D-Link DT-220P Rev.B1                   | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
|                            | IBM Auto 16/4 Adapter (Plug and Play)   | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
|                            | Intel PCLA815X (Plug and Play)          | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
|                            | Proteon P1392Plus Rev.J (Plus and Play) | 5                                    | A20        | 5  | Win95 V950B                          | Pass                     |        |
| Token-Ring (PCI)           | Olicom OC-3870 Rev.4                    | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
|                            | Thomas-Conrad TC4048 Rev.A              | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
|                            | Proteon P1690 Rev.B                     | Auto                                 | Auto       |  | Win95 V950B                          | Pass                     |        |
| <b>Modem Devices</b>       |   |                                      |            |  |                                      |                          |        |
| Type                       | Model                                   | O.S. Environment                     |            | Application  | Status                               | Remark / Special Setting |        |
| Modems (Internal)          | Boca Office PnP internal                | Win95 V950B                          |            | Dial up Internet, Netscape Upload / Download files | Pass                                 | 28,800 BPS COM3          |        |
| Modems (External)          | ADI CommuPack 33600SVD                  | Win95 V950B                          |            | Dial up Internet, Netscape Upload / Download files | Pass                                 | 28,800 BPS COM1 / COM2   |        |
|                            | ADI CommuPack SVD56K                    | Win95 V950B                          |            | Dial up Internet, Netscape Upload / Download files | Pass                                 | 56,000 BPS COM1 / COM2   |        |
|                            | Hayes Accura                            | Win95 V950B                          |            | Dial up Internet, Netscape Upload / Download files | Pass                                 | 28,800 BPS COM1 / COM2   |        |
|                            | USRobotics Sportster 56K Faxmodem       | Win95 V950B                          |            | Dial up Internet, Netscape Upload / Download files | Pass                                 | 33,600 BPS COM1 / COM2   |        |
|                            | ZyXEL U-336E                            | Win95 V950B                          |            | Dial up Internet, Netscape Upload / Download files | Pass                                 | 33,600 BPS COM1 / COM2   |        |
| <b>ISDN Devices</b>        |   |                                      |            |  |                                      |                          |        |
| Type                       | Model                                   | Peripheral Device                    |            | Application  | Status                               | Remark                   |        |
| ISDN (Internal)            | ASUSCOM ISDN Internal Adapter           | Win95 V950B<br>(Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download Files | Pass                                 | 64,000 BPS               |        |
| ISDN (External)            | ZyXEL Elite 2864I                       | Win95 V950B<br>(Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download Files | Pass                                 | 64,000 BPS               |        |

| <b>ISDN Devices</b>          |   |                                   |   |                          |            |
|------------------------------|---|-----------------------------------|---|--------------------------|------------|
| Type                         | Model   | Peripheral Device                 | Application                                 | Status                   | Remark     |
| <b>ISDN (External)</b>       | <i>ZyXEL ISDN Terminal Adapter Omni TA128</i> | Win95 V950B (Chinese-Traditional) | Super Terminal, BBS Upload / Download Files | Pass                     | 64,000 BPS |
| <b>Tape Devices</b>          |   |                                   |   |                          |            |
| Type                         | Model   | O.S. Environment                  | Status                                      | Remark / Special Setting |            |
| <b>Parallel</b>              | <i>lomega ditto 3200</i>                      | Win95 V950B                       | Pass  |                          |            |
| <b>ZIP Devices</b>           |   |                                   |   |                          |            |
| Type                         | Model   | O.S. Environment                  | Status                                      | Remark / Special Setting |            |
| <b>SCSI</b>                  | <i>lomega Z100S2</i>                          | Win95 V950B                       | Pass  |                          |            |
|                              | <i>lomega V1000S JAZ</i>                      | Win95 V950B                       | Pass  |                          |            |
|                              | <i>lomega V1000Si JAZ</i>                     | Win95 V950B (Chinese-Traditional) | Pass  |                          |            |
| <b>IDE</b>                   | <i>lomega Z100 iDE</i>                        | Win95 V950B (Chinese-Traditional) | Pass  |                          |            |
|                              | <i>lomega Z100ATAPI</i>                       | Win95 V950B (Chinese-Traditional) | Pass  |                          |            |
| <b>Removable HDD Devices</b> |   |                                   |   |                          |            |
| Type                         | Model   |                                   | Status                                      | Remark / Special Setting |            |
| <b>SCSI</b>                  | <i>Fujitsu Dyna MO640</i>                     | Win95 V950B                       | Pass  |                          |            |
|                              | <i>Mitsubishi MCA640</i>                      | Win95 V950B                       | Pass  |                          |            |
|                              | <i>SyQuest SyJet Internal 1.5G</i>            | Win95 V950B                       | Pass  |                          |            |
|                              | <i>SyQuest SyJet1SE 1.5G</i>                  | Win95 V950B                       | Pass  |                          |            |
| <b>IDE</b>                   | <i>Philips PEGASUS MO230</i>                  | Win95 V950B                       | Pass  |                          |            |

### 2.3 Field (stress) Test

|                        |   |                 |                 |  |  |
|------------------------|---|-----------------|-----------------|--|--|
| <b>Test Type</b>       | <b>Windows 95 network access test</b>   |                 |                 |  |  |
| <b>Configuration</b>   | Intel Pentium II-400 + 32MB(SDRAM 32MB) + 512KB(Internal) + On-board IDE + Fujitsu MPB3064AT + Seagate ST32132A + WD AC34000 + Panasonic CR-586-B CD-ROM + ASUS AGP-V3000 + Thomas-Conrad TC5048 + Logitech First Mouse Super<br>2 * Peers (Windows 95) |                 |                 |  |  |
| <b>Test Procedure</b>  | Run Multitasking on local PC and access remote workstation resource.  |                 |                 |  |  |
| <b>Result</b>          | <b>Pass</b>   | <b>Duration</b> | <b>40 Hours</b> |  |  |
| <b>Test Type</b>       | <b>Windows 95 Video Player test</b>   |                 |                 |  |  |
| <b>Configuration</b>   | Intel Pentium II-350 + 64MB(SDRAM 32MB * 2) + 512KB(Internal) + On-board IDE + Maxtor 85250D6 + ASUS CD-S340 CD-ROM + ASUS AGP-V3000 + Genius Serial Mouse  |                 |                 |  |  |
| <b>Test Resolution</b> | 1024 * 768 16Bit High Colors  |                 |                 |  |  |
| <b>Test Procedure</b>  | Run Power Player S/W MPEG.  |                 |                 |  |  |
| <b>Result</b>          | <b>Pass</b>   | <b>Duration</b> | <b>11 Hours</b> |  |  |
| <b>Test Type</b>       | <b>Windows 98 1720 HCT stress test</b>  |                 |                 |  |  |
| <b>Configuration</b>   | Intel Pentium II-400 + 32MB(SDRAM 32MB) + 512KB(Internal) + On-board IDE + Maxtor 85250D6 + NEC CDR-CC-24 CD-ROM + ASUS AGP-V3000 + Logitech M-M35 Serial Mouse<br>1 * Windows 98 1720  |                 |                 |  |  |
| <b>Test Procedure</b>  | Run HCT V7.2 stress test.   |                 |                 |  |  |
| <b>Result</b>          | <b>Pass</b>   | <b>Duration</b> | <b>5 Hours</b>  |  |  |

### 3. Microsoft Windows NT Operating System Test

#### 3.1 Software Compatibility Test

##### 3.1.1 Operating System Compatibility

| O.S. Name   | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller  |
|---|---------|-----------|--------|--|
| <i>Windows NT Workstation</i>                       | V3.51   | Microsoft | Pass   | ASUS PCI-SC200 + Maxtor MX9217SSN + Toshiba XM-5701B CD-ROM + ASUS 3DP-V375DX + Cogent EM440TX + Microsoft IntelliMouse                  |
| <i>Windows NT Workstation (Chinese-Traditional)</i> | V3.51   | Microsoft | Pass   | On-board IDE + Maxtor 83500A8 + Sony CDU511 CD-ROM + ASUS 3DP-V375DX + Cogent EM964 + Logitech Serial Mouse                              |
| <i>Windows NT Workstation (Japanese)</i>            | V3.51   | Microsoft | Pass   | Promise SCSIULTRA + Fujitsu M2952QAU + On-board IDE + Hitachi CRD-8320 CD-ROM + ASUS AGP-V3000 + Intel PCLA815X + Microsoft Serial Mouse |
| <i>Windows NT Server</i>                            | V3.51   | Microsoft | Pass   | Adaptec AHA-1542CP + Quantum TM2110S + Teac CD-516S CD-ROM + ASUS AGP-V3000 + Digital DE450AC + Microsoft Serial Mouse                   |
| <i>Windows NT Server (Chinese-Traditional)</i>      | V3.51   | Microsoft | Pass   | Adaptec AHA-3940UW + Quantum HN9100SW + Plextor PX-20TSi CD-ROM + ASUS 3DP-V375DX + Cnet CN100TX + Logitech Serial Mouse                 |
| <i>Windows NT Workstation</i>                       | V4.0    | Microsoft | Pass   | On-board IDE + Maxtor 85250D6 + ASUS CD-S340 CD-ROM + ASUS AGP-V3000 + ASUS PCI-L101 + Logitech PS/2 Mouse                               |
| <i>Windows NT Workstation (Chinese-Traditional)</i> | V4.0    | Microsoft | Pass   | On-board IDE + IBM DHEA-34330 + Teac CD-516E CD-ROM + ASUS AGP-V3000 + Proteon P1670-EA + Logitech Serial Mouse                          |
| <i>Windows NT Workstation (Chinese-Simplified)</i>  | V4.0    | Microsoft | Pass   | On-board IDE + Maxtor 86480D6 + Maxtor 82560D3 + Panasonic CR-585-B CD-ROM + ASUS AGP-V3000 + 3COM 3C509B + Microsoft Serial Mouse       |
| <i>Windows NT Workstation (Japanese)</i>            | V4.0    | Microsoft | Pass   | Adaptec AHA-1542CF + Seagate ST34371N + NEC CDR-1410A CD-ROM + ASUS 3DP-V375DX + Cogent EM110TX + Logitech Serial Mouse                  |
| <i>Windows NT Server</i>                            | V4.0    | Microsoft | Pass   | WDC WD7197 + IBM DCAS-32160W + Toshiba XM-5701B CD-ROM + ASUS AGP-V3000 + Novell NE2000Plus-3 + Microsoft Serial Mouse                   |
| <i>Windows NT Server (Chinese-Traditional)</i>      | V4.0    | Microsoft | Pass   | ASUS PCI-SC875 + Seagate ST34371W + Panasonic CR-506-B CD-ROM + ASUS 3DP-V375DX + ASUS PCI-DEC100TX + Logitech Serial Mouse              |
| <i>Windows NT Server (Japanese)</i>                 | V4.0    | Microsoft | Pass   | On-board IDE + Quantum ST3240AT + Teac CD-524E CD-ROM + ASUS 3DP-V375DX + Logitech Serial Mouse  |
| <i>Windows NT Workstation</i>                       | V5.0    | Microsoft | Pass   | ASUS PCI-AS300 + Quantum HN2275SW + NEC CDR-1810A CD-ROM + ASUS 3DP-V375DX + 3COM 3C595TX + Logitech Serial Mouse                        |
| <i>Windows NT Server</i>                            | V5.0    | Microsoft | Pass   | On-board IDE + Quantum SE2100AT + ASUS CD-S340 CD-ROM + ASUS AGP-V3000 + Cogent EM960 + Microsoft Serial Mouse                           |

##### 3.1.2 Application Software Compatibility

| <b>Applications</b>                |            |            |                                   |        |  |
|------------------------------------|------------|------------|-----------------------------------|--------|--|
| Package Name                       | Version    | Publisher  | O.S. Environment                  | Status | Features Tested  |
| <i>AutoCAD Chinese Edition</i>     | R14        | Autodesk   | NT WKS V4.0 (Chinese-Traditional) | Pass   | Install from CD-ROM, and execute open, modify, save, quit, ..etc.                                  |
| <i>Extreme 3D</i>                  | V1.0       | Macromedia | NT WKS V4.0                       | Pass   | Install from CD-ROM, and execute open, modify, save, quit, ..etc.                                  |
| <i>Microsoft Bookshelf 98</i>      | V98        | Microsoft  | NT WKS V4.0                       | Pass   | Install from CD-ROM, and execute search, print, ..etc.   |
| <i>Microsoft Encarta 98</i>        | V98        | Microsoft  | NT WKS V4.0 (Chinese-Traditional) | Pass   | Install from CD-ROM, and execute search, play media, ..etc.  |
| <i>Microsoft Office 97</i>         | Profession | Microsoft  | NT WKS V4.0                       | Pass   | Install from CD-ROM, and execute Word, Excel, Power Point, Schedule, Outlook, Photo, Access ..etc. |
| <i>Photoshop</i>                   | V4.0       | Adobe      | NT WKS V4.0                       | Pass   | Install from CD-ROM, and execute open, modify, save, quit, ..etc.                                  |
| <i>Corel WordPerfect 8</i>         | Suit 8     | Corel      | NT WKS V4.0 (Chinese-Traditional) | Pass   | Install from CD-ROM, and execute Project, Presentation, WordPerfect, ..etc.                        |
| <b>Application Server</b>          |            |            |                                   |        |  |
| Package Name                       | Version    | Publisher  | O.S. Environment                  | Status | Features Tested  |
| <i>Exchange Server</i>             | V4.0       | Microsoft  | NT Server V4.0                    | Pass   | Install from CD-ROM, and execute Health, History, Queues ..etc.                                    |
| <i>Internet Information Server</i> | V2.0       | Microsoft  | NT Server V4.0                    | Pass   | Install from CD-ROM, and execute Internet Service Manager, Key Manager ..etc.                      |

| <b>Application Server</b>        |         |           |                                      |        |  |
|----------------------------------|---------|-----------|--------------------------------------|--------|--|
| Package Name                     | Version | Publisher | O.S. Environment                     | Status | Features Tested  |
| <i>Index Server</i>              | V1.1    | Microsoft | NT Server V4.0                       | Pass   | Install from CD-ROM, and execute Administration, Sample Query Form ..etc.                |
| <i>Proxy Server</i>              | V1.0    | Microsoft | NT Server V4.0                       | Pass   | Install from CD-ROM, and execute Internet Service Manager, Monitor Performance ..etc.    |
| <i>SQL Server</i>                | V6.5    | Microsoft | NT Server V4.0                       | Pass   | Install from CD-ROM, and execute ISQL_w, MS Query, Enterprise Manager ..etc.             |
| <i>SNA Server</i>                | V3.0    | Microsoft | NT Server V4.0                       | Pass   | Install from CD-ROM, and execute Manager, Trace, Trace Viewer ..etc.                     |
| <i>Systems Management Server</i> | V1.2    | Microsoft | NT Server V4.0                       | Pass   | Install from CD-ROM, and execute Administrator, Database Manager, Network Monitor ..etc. |
| <b>HTML Editor</b>               |         |           |                                      |        |  |
| Package Name                     | Version | Publisher | O.S. Environment                     | Status | Features Tested  |
| <i>FrontPage 98</i>              | 98      | Microsoft | NT WKS V4.0<br>(Chinese-Traditional) | Pass   | Install from CD-ROM, and execute Editor, Explorer, TCP_IP Test, Administrator ..etc.     |

### 3.2 Hardware Compatibility Test

| <b>IDE Controller</b>     |  |        |  |        |   |        |
|---------------------------|--|--------|--|--------|---|--------|
| Card Type                 | Primary IDE                                      |        | Secondary IDE                                      |        | O.S. Environment                        | Status |
|                           | H.D.D./CD-ROM (Mode/Speed)                       | M/S    | H.D.D./CD-ROM (Mode/Speed)                         | M/S    |   |        |
| <b>On-board IDE (PCI)</b> | Fujitsu MPA3017AT (4)                            | M      | Quantum CY4335AT (DMA33)<br>Teac CD-532E (32X)     | M<br>S | NT WKS V4.0<br>(Chinese-Simplified)     | Pass   |
|                           | Fujitsu MPB3021AT (DMA33)                        | M      | Fujitsu MPB3052AT (DMA33)<br>Vuego CD624A (24X)    | M<br>S | NT WKS V5.0                             | Pass   |
|                           | Fujitsu MPB3032AT (DMA33)                        | M      | ASUS CD-S340 (34X)                                 | M      | NT WKS V4.0                             | Pass   |
|                           | Fujitsu MPB3043AT (DMA33)                        | M      | Sony CDU711 (24X)                                  | M      | NT WKS V4.0                             | Pass   |
|                           | Fujitsu MPB3052AT (DMA33)                        | M      | Teac CD-516E (16X)                                 | M      | NT Server V4.0<br>(Chinese-Traditional) | Pass   |
|                           | IBM DAQA-33240 (4)                               | M      | Philips PCA203CD (20X)                             | M      | NT Server V4.0                          | Pass   |
|                           | IBM DCAA-33610 (4)<br>Philips PCA203CD (20X)     | M<br>S | None   |        | NT WKS V3.51<br>(Japanese)              | Pass   |
|                           | IBM DHEA-34330 (DMA33)<br>Teac CD-516E (24X)     | M<br>S | None   |        | NT WKS V4.0<br>(Chinese-Traditional)    | Pass   |
|                           | Maxtor 82560D3 (DMA33)                           | M      | Philips PCA323CD (32X)                             | M      | NT Server V4.0                          | Pass   |
|                           | Maxtor 83500A8 (4)                               | M      | Sony CDU511 (16X)                                  | M      | NT WKS V3.51<br>(Chinese-Traditional)   | Pass   |
|                           | Maxtor 85250D6 (DMA33)<br>Sony CDU711 (32X)      | M<br>S | None   |        | NT Server V3.51                         | Pass   |
|                           | Maxtor 86480D6 (DMA33)<br>Maxtor 82560D3 (DMA33) | M<br>S | Panasonic CR-585-B (24X)                           | M      | NT WKS V4.0<br>(Chinese-Simplified)     | Pass   |
|                           | Micropolis 4540A (4)<br>Seagate TM2110AT         | M<br>S | Philips PCA323CD (32X)                             | M      | NT Server V4.0<br>(Chinese-Traditional) | Pass   |
|                           | Quantum BF2550AT (4)<br>IBM DCAA-33610 (4)       | M<br>S | BTC BCD24X (24X)                                   | M      | NT WKS V4.0<br>(Chinese-Traditional)    | Pass   |
|                           | Quantum ST3240AT (DMA33)                         | M      | Teac CD-524E (24X)                                 | M      | NT Server V4.0<br>(Japanese)            | Pass   |
|                           | Quantum ST2160AT (DMA33)                         | M      | BTC BCD24X (24X)                                   | M      | NT WKS V4.0                             | Pass   |
|                           | Quantum SE2100AT (DMA33)                         | M      | ASUS CD-S340 (34X)                                 | M      | NT Server V5.0 Beta 1                   | Pass   |
|                           | Quantum SE4300AT (DMA33)                         | M      | NEC CDR-1900A (32X)                                | M      | NT WKS V4.0                             | Pass   |
|                           | Quantum TX08A011 (DMA33)                         | M      | ASUS CD-S340 (34X)                                 | M      | NT WKS V4.0                             | Pass   |
|                           | Seagate ST31277A (4)<br>Seagate ST52520A (4)     | M<br>S | Teac CD-516E (24X)                                 | M      | NT Server V4.0<br>(Chinese-Traditional) | Pass   |
|                           | Seagate ST32132A (4)<br>Maxtor 83201A6 (4)       | M<br>S | Seagate ST33232A (DMA33)<br>Toshiba XM-6102B (32X) | M<br>S | NT WKS V4.0                             | Pass   |
|                           | Seagate ST34342A (DMA33)                         | M      | Sony CDU571 (16X)                                  | M      | NT WKS V4.0<br>(Chinese-Traditional)    | Pass   |
|                           | Seagate ST36450A (4)                             | M      | Sony CDU511 (16X)                                  | M      | NT WKS V4.0                             | Pass   |
|                           | WD AC23200 (DMA33)                               | M      | NEC CDR-1800A (18X)                                | M      | NT WKS V4.0<br>(Chinese-Traditional)    | Pass   |
|                           | WD AC4300 (4)<br>WD AC22500 (4)                  | M<br>S | BTC BCD16XA (16X)                                  | M      | NT WKS V3.51<br>(Chinese-Traditional)   | Pass   |
|                           | WD AC35100 (DMA33)<br>Maxtor 83500A8 (4)         | M<br>S | ASUS CD-S340 (34X)                                 | M      | NT WKS V4.0                             | Pass   |

| <b>IDE Controller</b>     |  |        |  |                            |     |                  |        |
|---------------------------|--|--------|--|----------------------------|-----|------------------|--------|
| Card Type                 | Primary IDE                                    |        |  | Secondary IDE              |     | O.S. Environment | Status |
|                           | H.D.D./CD-ROM (Mode/Speed)                     | M/S    |  | H.D.D./CD-ROM (Mode/Speed) | M/S |                  |        |
| <b>On-board IDE (PCI)</b> | WD AC35100 (DMA33)<br>Quantum SE2100AT (DMA33) | M<br>S |  | NEC CDR-1900A (32X)        | M   | NT WKS V4.0      | Pass   |

| <b>SCSI Disk Controllers</b>            |  |                   |                                  |                                       |        |
|---|--|-------------------|----------------------------------|---------------------------------------|--------|
| Card Type                               | Card Model                                   | H.D.D.            | CD-ROM                           | O.S. Environment                      | Status |
| <b>SCSI (ISA)</b>                       | <i>Adaptec AHA-1530P Rev.C (BIOS:V1.03)</i>  | IBM DCAS-34330    | Toshiba XM-6201B                 | NT Server V4.0                        | Pass   |
|   | <i>Adaptec AHA-1542CF Rev.C (BIOS:V2.02)</i> | Seagate ST34371N  | NEC CDR-1410A                    | NT WKS V4.0 (Japanese)                | Pass   |
|   | <i>Adaptec AHA-1542CP Rev.B (BIOS:V1.02)</i> | Quantum TM2110S   | Teac CD-516S                     | NT Server V3.51                       | Pass   |
| <b>SCSI (PCI)</b>                       | <i>ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)</i>   | Quantum HN2275SW  | NEC CDR-1810A                    | NT WKS V5.0                           | Pass   |
|   | <i>ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)</i>   | Maxtor MX9217SSN  | Toshiba XM-5701B                 | NT WKS V3.51                          | Pass   |
|   | <i>ASUS PCI-SC860 Rev.1.01 (BIOS:V4.03)</i>  | Micropolis 4345AV | Pioneer DR-U24X                  | NT WKS V3.51 (Chinese-Traditional)    | Pass   |
|   | <i>ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)</i>   | Seagate ST34371W  | Panasonic CR-506-B               | NT Server V4.0 (Chinese-Traditional)  | Pass   |
|   | <i>Adaptec AHA-2940AU Rev.A (BIOS:V1.30)</i> | Seagate ST32550N  | Pioneer DR-U06S                  | NT Server V4.0                        | Pass   |
|   | <i>Adaptec AHA-2940UW Rev.C (BIOS:V1.24)</i> | Fujitsu M2954QAU  | NEC CDR-1610A                    | NT Server V4.0 (Japanese)             | Pass   |
|   | <i>Adaptec AHA-3940 Rev.B (BIOS:V1.12)</i>   | Micropolis 4345AV | NEC CDR-1410A                    | NT WSK V4.0                           | Pass   |
|   | <i>Adaptec AHA-3940UW Rev.A (BIOS:V1.24)</i> | Quantum HN9100SW  | Plextor PX-20TSi                 | NT Server V3.51 (Chinese-Traditional) | Pass   |
|   | <i>Adaptec AHA-3985W Rev.A (BIOS:V1.50)</i>  | WD WDE2170W       | Plextor PX-32TSi                 | NT Server V3.51                       | Pass   |
|   | <i>AdvanSys ABP-930U Rev.1 (BIOS:V2.8C)</i>  | Seagate ST19101N  | NEC CDR-1410A                    | NT WKS V4.0 (Chinese-Traditional)     | Pass   |
|   | <i>AdvanSys ABP-940U Rev.A (BIOS:V2.6L)</i>  | Micropolis 4345AV | Sony CDU625                      | NT WKS V4.0                           | Pass   |
|   | <i>Buslogic BT932 Rev.A (BIOS:V1.40e)</i>    | IBM DCAS-34330    | Teac CD-516S                     | NT WKS V4.0                           | Pass   |
|   | <i>Buslogic BT948C Rev.Ab (BIOS:V4.95L)</i>  | Fujitsu M2954SYU  | Plextor PX32TSi                  | NT WKS V4.0                           | Pass   |
|   | <i>DPT PM2144UW (BIOS:V003.DS)</i>           | Seagate ST34501W  | Plextor PX-32TSi                 | NT WKS V3.51                          | Pass   |
|   | <i>Initio INI-9100U Rev.D (BIOS:V1.02)</i>   | Micropolis 4345AV | NEC CDR-1410A                    | NT WKS V4.0 (Japanese)                | Pass   |
|   | <i>Promise SCSIULTRA Rev.B (BIOS:V4.03)</i>  | Fujitsu M2952QAU  | On-board IDE<br>Hitachi CRD-8320 | NT WKS V3.51 (Japanese)               | Pass   |
|   | <i>WDC WD7197 RevB (BIOS:V172)</i>           | IBM DCAS-32160W   | Toshiba XM-5701B                 | NT Server V4.0                        | Pass   |
| <i>On-board AIC-7890AB (BIOS:V1.24)</i> | Quantum VK4550SW                             | Toshiba XM-6201B  | NT WKS V4.0                      | Pass                                  |        |

| <b>RAID Controllers</b> |   |                                      |                                  |                  |        |
|-------------------------|---|--------------------------------------|----------------------------------|------------------|--------|
| Card Type               | Card Model                                  | H.D.D.                               | CD-ROM                           | O.S. Environment | Status |
| <b>RAID Controller</b>  | <i>ASUS PCI-DA2100 Rev.3A (BIOS:V1.14A)</i> | Seagate ST34501W<br>Seagate ST34371W | On-board IDE<br>Hitachi CRD-8320 | NT Server V4.0   | Pass   |

| <b>Graphic Adapters</b> |   |  |                  |        |                |
|-------------------------|---|--|------------------|--------|----------------|
| Card Type               | Card Model  | Peripheral Device                                  | O.S. Environment | Status | Remark         |
| <b>VGA (PCI)</b>        | <i>ASUS PCI-V264VT Rev.1.2 (BIOS:V3.8.0/3.007)</i>      | On-board IDE<br>Fujitsu MPB3032AT<br>ASUS CD-S340  | NT WKS V4.0      | Pass   | ATI-264VT2     |
|                         | <i>ASUS PCI-V264GT/Plus Rev.1.3 (BIOS:V3.8.0/3.007)</i> | On-board IDE<br>Fujitsu MPB3043AT<br>Sony CDU711   | NT WKS V4.0      | Pass   | ATI 3D RAGE II |
|                         | <i>ASUS PCI-V775V2C Rev. 2.02 (BIOS:1.01.04b)</i>       | On-board IDE<br>IBM DAQA-33240<br>Philips PCA203CD | NT Server V4.0   | Pass   | S3 Trio64V2/DX |
|                         | <i>ASUS 3DP-V375DX Rev. 1.02(BIOS:1.01.03)</i>          | Adaptec AHA-1530P<br>IBM DCAS-34330                | NT Server V4.0   | Pass   | S3 ViRGE/DX    |

| <b>Graphic Adapters</b>  |   |  |      |  |                                       |               |                        |
|--------------------------|---|--|------|--|---------------------------------------|---------------|------------------------|
| <b>Card Type</b>         | <b>Card Model</b>                                 | <b>Peripheral Device</b>                               |      |  | <b>O.S. Environment</b>               | <b>Status</b> | <b>Remark</b>          |
| <b>VGA (PCI)</b>         | <b>ASUS 3DP-V264GT/Pro Rev. 1.01 (BIOS:3.043)</b> | On-board IDE<br>Seagate ST34342A<br>Sony CDU571        |      |  | NT WKS V4.0<br>(Chinese-Traditional)  | Pass          | ATI 3D RAGE II + DVD   |
|                          | <b>Diamond Stealth 3D 3000 (BIOS:V)</b>           | On-board IDE<br>Maxtor 82560D3<br>Philips PCA3223CD    |      |  | NT Server V4.0                        | Pass          | S3-ViRGE/VX            |
|                          | <b>Leadtek Winfast 3D L2500 (BIOS:V)</b>          | Buslogic BT948<br>IBM DCAS-34330<br>Teac CD-516S       |      |  | NT WKS V4.0                           | Pass          |                        |
|                          | <b>Matrox MGA MIL2P/4+ Rev.A (BIOS:V)</b>         | ASUS PCI-SC875<br>Seagate ST32155W<br>Plextor PX-20TSi |      |  | NT WKS V4.0<br>(Chinese-Traditional)  | Pass          | 64-BIT Graphics        |
| <b>VGA (AGP)</b>         | <b>ASUS AGP-V264GT3 Rev. 1.02 (BIOS:3.043)</b>    | Promise SCSIULTRA<br>IBM DGHS-950W<br>Pioneer DR-U06S  |      |  | NT WKS V4.0<br>(Chinese-Simplified)   | Pass          | ATI 3D RAGE PRO AGP 2X |
|                          | <b>ASUS AGP-V2740 Rev. 1.00 (BIOS:212)</b>        | On-board IDE<br>WD AC35100                             |      |  | NT WKS V4.0                           | Pass          | Intel i740             |
|                          | <b>ASUS AGP-V3000 Rev. 1.02 (BIOS:1.51B)</b>      | On-board IDE<br>Quantum BF2550AT                       |      |  | NT WKS V4.0<br>(Chinese-Traditional)  | Pass          | STG3000                |
| <b>Multimedia Kit</b>    |   |  |      |  |                                       |               |                        |
| <b>Card Type</b>         | <b>Card Model</b>                                 | <b>Peripheral Device</b>                               |      |  | <b>O.S. Environment</b>               | <b>Status</b> |                        |
| <b>Sound Card</b>        | <b>ASUS I-A16C Rev.1.2</b>                        | On-board IDE<br>Quantum BF2550AT                       |      |  | NT WKS V4.0<br>(Chinese-Traditional)  | Pass          |                        |
|                          | <b>ASUS ESS</b>                                   | ASUS PCI-SC875<br>Seagate ST32155W<br>Plextor PX-20TSi |      |  | NT WKS V4.0<br>(Chinese-Traditional)  | Pass          |                        |
|                          | <b>CinaAction 16 PnP</b>                          | On-board IDE<br>IBM DHEA-34330<br>Teac CD-516E         |      |  | NT WKS V4.0<br>(Chinese-Traditional)  | Pass          |                        |
|                          | <b>Creative Sound Blaster 32 PnP</b>              | On-board IDE<br>Seagate ST36450A<br>Sony CDU511        |      |  | NT WKS V4.0                           | Pass          |                        |
|                          | <b>Creative Sound Blaster AWE32 PnP</b>           | Adaptec AHA-1530P<br>IBM DCAS-34330                    |      |  | NT Server V4.0                        | Pass          |                        |
|                          | <b>Creative Sound Blaster AWE64 PnP</b>           | Promise SCSIULTRA<br>IBM DGHS-950W<br>Pioneer DR-U06S  |      |  | NT WKS V4.0<br>(Chinese-Traditional)  | Pass          |                        |
| <b>Ethernet Adapters</b> |   |  |      |  |                                       |               |                        |
| <b>Card Type</b>         | <b>Card Model</b>                                 | <b>Configurations:<br/>IRQ Port Addr. DMA</b>          |      |  | <b>O.S. Environment</b>               | <b>Status</b> | <b>Remark</b>          |
| <b>Ethernet (ISA)</b>    | <b>3COM 3C509B-TP (Plug and Play)</b>             | 5  | 360  |  | NT WKS V3.51<br>(Chinese-Traditional) | Pass          |                        |
|                          | <b>Accton EN166X Rev.02 (Plug and Play)</b>       | 3  | 300  |  | NT Server V4.0                        | Pass          |                        |
|                          | <b>Cnet 288PnP Rev.A (Plug and Play)</b>          | 3  | 300  |  | NT WKS V3.51                          | Pass          |                        |
|                          | <b>Cnet 888E Rev.1.4</b>                          | 5  | 300  |  | NT Server V4.0                        | Pass          |                        |
|                          | <b>D-Link DE220PT Rev.C1 (Plug and Play)</b>      | Auto   | Auto |  | NT WKS V4.0                           | Pass          |                        |
|                          | <b>Intel PCL8205 (Plug and Play)</b>              | 11   | 210  |  | NT WKS V3.51                          | Pass          |                        |
|                          | <b>Novell NE2000Plus-3</b>                        | 5  | 300  |  | NT WKS V4.0<br>(Japanese)             | Pass          |                        |
| <b>Ethernet (PCI)</b>    | <b>ASUS PCI-DEC10-TB Rev.A1</b>                   | Auto   | Auto |  | NT WKS V4.0                           | Pass          |                        |
|                          | <b>ASUS PCI-DEC10-TB+ Rev.B1</b>                  | Auto   | Auto |  | NT Server V4.0                        | Pass          |                        |
|                          | <b>3COM 3C590C Rev.14</b>                         | Auto   | Auto |  | NT WKS V4.0                           | Pass          |                        |



| <b>Ethernet Adapters</b>   |                                       |                 |            |     |   |        |        |
|----------------------------|---------------------------------------|-----------------|------------|-----|---|--------|--------|
| Card Type                  | Card Model                            | Configurations: |            |     | O.S. Environment                                  | Status | Remark |
|                            |                                       | IRQ             | Port Addr. | DMA |   |        |        |
| Ethernet (PCI)             | 3COM 3C900C Rev.C                     | Auto            | Auto       |     | NT Server V3.51                                   | Pass   |        |
|                            | Accton EN1203 Rev.01C                 | Auto            | Auto       |     | NT Server V4.0 (Chinese-Traditional)              | Pass   |        |
|                            | Accton EN1208 Rev.01A                 | Auto            | Auto       |     | NT WKS V4.0 (Chinese-Traditional)                 | Pass   |        |
|                            | Compaq NETFLEX-3/P Rev.A              | Auto            | Auto       |     | NT Server V5.0 Beta 1                             | Pass   |        |
|                            | Cogent EM960                          | Auto            | Auto       |     | NT WKS V4.0                                       | Pass   |        |
|                            | Cogent EM964                          | Auto            | Auto       |     | NT WKS V3.51 (Chinese-Traditional)                | Pass   |        |
|                            | Digital DE450AC Rev.A01               | Auto            | Auto       |     | NT Server V4.0                                    | Pass   |        |
|                            | Intel PILA840X                        | Auto            | Auto       |     | NT WKS V4.0                                       | Pass   |        |
|                            | Proteon P1670-EA                      | Auto            | Auto       |     | NT WKS V4.0 (Chinese-Traditional)                 | Pass   |        |
|                            | SMC 8432BT Rev.A                      | Auto            | Auto       |     | NT WKS V4.0                                       | Pass   |        |
|                            | Xpoint Quad PeerSwitch Rev.2          | Auto            | Auto       |     | NT WKS V3.51                                      | Pass   |        |
|                            | On-board SB82558B                     | Auto            | Auto       |     | NT WKS V4.0<br>NT Server V4.0                     | Pass   |        |
| 100BaseTx                  | ASUS PCI-DEC100TX+ Rev.01             | Auto            | Auto       |     | NT Server V4.0 (Chinese-Traditional)              | Pass   |        |
|                            | ASUS PCI-L101+                        | Auto            | Auto       |     | NT WKS V3.51 (Chinese-Traditional)<br>NT WKS V4.0 | Pass   |        |
|                            | 3Com 3C595TX Rev.B                    | Auto            | Auto       |     | NT WKS V5.0                                       | Pass   |        |
|                            | 3Com 3C905TX Rev.B                    | Auto            | Auto       |     | NT Server V3.51                                   | Pass   |        |
|                            | Accton EN1207 Rev.01                  | Auto            | Auto       |     | NT WKS V4.0                                       | Pass   |        |
|                            | Cnet CN100TX                          | Auto            | Auto       |     | NT Server V3.51 (Chinese-Traditional)             | Pass   |        |
|                            | Cogent EM110TX                        | Auto            | Auto       |     | NT WKS V4.0 (Japanese)                            | Pass   |        |
|                            | Cogent EM440TX                        | Auto            | Auto       |     | NT WKS V3.51                                      | Pass   |        |
|                            | Digital DE500XA                       | Auto            | Auto       |     | NT Server V4.0<br>NT Server V5.0 Beta 1           | Pass   |        |
|                            | HP J3171                              | Auto            | Auto       |     | NT Server V4.0 (Japanese)                         | Pass   |        |
|                            | Intel PILA8465                        | Auto            | Auto       |     | NT Server V4.0 (Chinese-Traditional)              | Pass   |        |
|                            | Intel PILA8465B                       | Auto            | Auto       |     | NT Server V4.0 (Chinese-Traditional)              | Pass   |        |
|                            | Intel PILA8485                        | Auto            | Auto       |     | NT WKS V4.0 (Japanese)                            | Pass   |        |
|                            | SMC 9332DST                           | Auto            | Auto       |     | NT Server V4.0 (Chinese-Traditional)              | Pass   |        |
|                            | On-board Intel 82558                  | Auto            | Auto       |     | NT WKS V4.0<br>NT Server V4.0                     | Pass   |        |
| <b>Token-Ring Adapters</b> |                                       |                 |            |     |   |        |        |
| Card Type                  | Card Model                            | Configurations: |            |     | O.S. Environment                                  | Status | Remark |
|                            |                                       | IRQ             | Port Addr. | DMA |   |        |        |
| Token-Ring (ISA)           | D-Link DT-220P (Plug and Play)        | Auto            | Auto       |     | NT WKS V4.0                                       | Pass   |        |
|                            | IBM Auto 16/4 Adapter (Plug and Play) | Auto            | Auto       |     | NT Server V4.0                                    | Pass   |        |
|                            | Intel PCLA815X (Plug and Play)        | Auto            | 210        |     | NT WKS V4.0                                       | Pass   |        |

| <b>Token-Ring Adapters</b>   |   |                                   |            |  |                                    |                  |        |
|------------------------------|---|-----------------------------------|------------|--|------------------------------------|------------------|--------|
| Card Type                    | Card Model                                      | Configurations:                   |            |  | O.S. Environment                   | Status           | Remark |
|                              |   | IRQ                               | Port Addr. | DMA  |                                    |                  |        |
| Token-Ring (ISA)             | <i>Olicom OC-3118 Rev.3 (Plug and Play)</i>     | Auto                              | Auto       |  | NT Server V3.51                    | Pass             |        |
|                              | <i>Proteon P1392Plus Rev.J (Plus and Play)</i>  | 5                                 | A20        | 5  | NT Server V4.0 (Japanese)          | Pass             |        |
| Token-Ring (PCI)             | <i>Olicom OC-3870 Rev.4</i>                     | Auto                              | Auto       |  | NT WKS V3.51 (Chinese-Traditional) | Pass             |        |
|                              | <i>Thomas-Conrad TC4048 Rev.C</i>               | Auto                              | Auto       |  | NT WKS V3.51                       | Pass             |        |
| <b>Modem Devices</b>         |   |                                   |            |  |                                    |                  |        |
| Type                         | Model   | Peripheral Device                 |            | Application  | Status                             | Remark           |        |
| Modems (Internal)            | <i>Cardinal 28800 internal</i>                  | NT WKS V4.0                       |            | Dial up Internet, Netscape Upload / Download Files | Pass                               | 28,800 BPS; COM1 |        |
| Modems (External)            | <i>ADi CommuPack SVD 33600</i>                  | NT WKS V4.0                       |            | Dial up Internet, Netscape Upload / Download Files | Pass                               | 33,600 BPS; COM2 |        |
|                              | <i>Hayes Optima288</i>                          | NT WKS V4.0 (Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download       | Pass                               | 28,800 BPS COM2  |        |
|                              | <i>GVC K56</i>                                  | NT WKS V4.0 (Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download       | Pass                               | 56,000 BPS COM1  |        |
|                              | <i>USRobotics Sportster Vi336</i>               | NT WKS V4.0 (Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download       | Pass                               | 33,600 BPS COM2  |        |
|                              | <i>USRobotics Sportster Voice 33.6 Faxmodem</i> | NT WKS V4.0                       |            | Dial up Internet, Netscape Upload / Download Files | Pass                               | 33,600 BPS; COM2 |        |
|                              | <i>ZYXEL U336</i>                               | NT WKS V4.0 (Chinese-Traditional) |            | Dial up Internet, Netscape Upload / Download       | Pass                               | 33,600 BPS COM1  |        |
| <b>ISDN Devices</b>          |   |                                   |            |  |                                    |                  |        |
| Type                         | Model   | Peripheral Device                 |            | Application  | Status                             | Remark           |        |
| ISDN (Internal)              | <i>ASUSCOM ISDN Internal Adapter</i>            | NT WKS V4.0                       |            | Dial up Internet, Netscape Upload / Download Files | Pass                               | 64,000 BPS       |        |
| ISDN (External)              | <i>ZyXEL Elite 2864I</i>                        | NT WKS V4.0                       |            | Dial up Internet, Netscape Upload / Download Files | Pass                               | 64,000 BPS       |        |
|                              | <i>ZyXEL ISDN Terminal Adapter Omni TA128</i>   | NT WKS V4.0                       |            | Super Terminal, BBS Upload / Download Files        | Pass                               | 64,000 BPS       |        |
| <b>LS-120 Devices</b>        |   |                                   |            |  |                                    |                  |        |
| Type                         | Model   | O.S. Environment                  |            | Status   | Remark / Special Setting           |                  |        |
| IDE                          | <i>O.R. Technology FD-3120A (LS-120)</i>        | NT WKS V4.0                       |            | Pass   |                                    |                  |        |
| <b>M.O. Devices</b>          |   |                                   |            |  |                                    |                  |        |
| Type                         | Model   | O.S. Environment                  |            | Status   | Remark / Special Setting           |                  |        |
| SCSI                         | <i>Fujitsu Dyna M2513S2B</i>                    | NT WKS V4.0 (Chinese-Traditional) |            | Pass   |                                    |                  |        |
|                              | <i>Fujitsu TeraSys M2513A6</i>                  | NT WKS V4.0 (Chinese-Traditional) |            | Pass   |                                    |                  |        |
|                              | <i>Mitsubishi MCA640</i>                        | NT WKS V4.0 (Chinese-Traditional) |            | Pass   |                                    |                  |        |
| IDE                          | <i>Fujitsu M2541BE02</i>                        | NT WKS V4.0                       |            | Pass   |                                    |                  |        |
| <b>Printer Devices</b>       |   |                                   |            |  |                                    |                  |        |
| Type                         | Model   | O.S. Environment                  |            | Status   | Remark / Special Setting           |                  |        |
| Parallel                     | <i>HP LaserJet 5L</i>                           | NT WKS V4.0                       |            | Pass   |                                    |                  |        |
| <b>Removable HDD Devices</b> |   |                                   |            |  |                                    |                  |        |
| Type                         | Model   | O.S. Environment                  |            | Status   | Remark / Special Setting           |                  |        |
| SCSI                         | <i>lomega V1000Si JAZ</i>                       | NT WKS V4.0 (Chinese-Traditional) |            | Pass   |                                    |                  |        |
|                              | <i>lomega V1000S JAZ</i>                        | NT WKS V4.0 (Chinese-Traditional) |            | Pass   |                                    |                  |        |
| <b>Tape Devices</b>          |   |                                   |            |  |                                    |                  |        |
| Type                         | Model   | O.S. Environment                  |            | Status   | Remark / Special Setting           |                  |        |
| SCSI                         | <i>Seagate SST280000N</i>                       | NT Server V4.0                    |            | Pass   |                                    |                  |        |

| <b>ZIP Devices</b> |                       |                  |        |                          |
|--------------------|-----------------------|------------------|--------|--------------------------|
| Type               | Model                 | O.S. Environment | Status | Remark / Special Setting |
| SCSI               | <i>lomega Z100Si</i>  | NT WKS V4.0      | Pass   |                          |
|                    | <i>lomega Z100S2</i>  | NT WKS V4.0      | Pass   |                          |
| IDE                | <i>lomega Z100iDE</i> | NT Server V4.0   | Pass   |                          |

### 3.3 Field (stress) Test for Networking Environment

|                       |   |                 |                 |  |
|-----------------------|---|-----------------|-----------------|--|
| <b>Test Type</b>      | <b>Windows NT Server V5.0 Beta 1 test</b>   |                 |                 |  |
| <b>Configuration</b>  | Intel Pentium II-350 + 48MB(SDRAM 32MB + 16MB) + 512KB(Internal) + On-board IDE + Quantum SE2100AT + ASUS CD-S340 CD-ROM + ASUS AGP-V3000ST + Compaq NETFLEX-3/P + Digital DE500XA + Microsoft Serial Mouse |                 |                 |  |
|                       | 1 * Server (NT Server V5.0 Beta 1)<br>1 * Server (NT Server V4.0)   |                 |                 |  |
| <b>Test Procedure</b> | Server (NT Server V5.0 Beta 1): Run multitasking programs, network I/O test.<br>Server (NT Server V4.0): Allows other user to log-on and connect.   |                 |                 |  |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>15 Hours</b> |  |
| <b>Test Type</b>      | <b>Windows NT Workstation V4.0 test</b>   |                 |                 |  |
| <b>Configuration</b>  | Intel Pentium II-350 + 64MB(SDRAM 64MB) + 512KB(Internal) + Adaptec AHA-2940UW + Fujitsu M2954QAU + NEC CDR-1810A CD-ROM + ASUS 3DP-V375DX + HP J3171 + Microsoft IntelliMouse                              |                 |                 |  |
|                       | 1 * Workstation (NT WKS V4.0)<br>1 * Servers (NT Server V4.0)   |                 |                 |  |
| <b>Test Procedure</b> | Workstation (NT WKS V4.0): Run multitasking programs, network I/O test.<br>Server (NT Server V4.0): Allows other user to log-on and connect.  |                 |                 |  |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>15 Hours</b> |  |
| <b>Test Type</b>      | <b>Windows NT Server V4.0 (Chinese-Traditional) test</b>  |                 |                 |  |
| <b>Configuration</b>  | Intel Pentium II-333 + 64MB(SDRAM 64MB) + 512KB(Internal) + ASUS PCI-SC875 + Seagate ST34371W + Panasonic CR-506-B CD-ROM + ASUS 3DP-V375DX + ASUS PCI-DEC100TX + Microsoft IntelliMouse                    |                 |                 |  |
|                       | 1 * Server (NT Server V4.0(Chinese-Traditional))<br>1 * Server (NT Server V4.0)   |                 |                 |  |
| <b>Test Procedure</b> | Workstation (NT Server V4.0(Chinese-Traditional)): Run multitasking programs, network I/O test.<br>Server (NT Server V4.0): Allows other user to log-on and connect.  |                 |                 |  |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>14 Hours</b> |  |
| <b>Test Type</b>      | <b>Windows NT V4.0 HCT test</b>   |                 |                 |  |
| <b>Configuration</b>  | Intel Pentium II-400 + 64MB(SDRAM 32MB * 2) + 512KB(Internal) + On-board IDE + Maxtor 85250D6 + ASUS CD-S340 CD-ROM + ASUS AGP-V3000 + ASUS PCI-L101 + Logitech PS/2 Mouse                                  |                 |                 |  |
|                       | 1 * Workstation (NT WKS V4.0)   |                 |                 |  |
| <b>Test Procedure</b> | Workstation (NT WKS V4.0): Executing system item.   |                 |                 |  |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>14 Hours</b> |  |

## 4. IBM OS/2 Operating System Test

### 4.1.1 Software Compatibility Test

| O.S. Name  | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller   |
|--|---------|-----------|--------|---|
| <b>IBM OS/2 WARP Connect</b>                       | V3.0    | IBM       | Pass   | On-board IDE + Fujitsu MPB3021AT + Fujitsu MPA3026AT + NEC DSE2100A + Teac CD-532E CD-ROM + ASUS AGP-V3000ST + Accton EN1203 + Logitech First Mouse Super     |
| <b>IBM OS/2 WARP Connect (Chinese-Traditional)</b> | V3.0    | IBM       | Pass   | On-board IDE + Seagate ST52520A + Pioneer DR-A04S CD-ROM + IBM DAQA-32160 + Quantum ST2160AT + ASUS 3DP-V375DX + Novell NE2000Plus-3 + Microsoft Serial Mouse |
| <b>IBM OS/2 WARP</b>                               | V4.0    | IBM       | Pass   | Adaptec AHA-2940UW + Quantum HN2275SW + Panasonic CR-508-B CD-ROM + ASUS 3DP-V3000L + 3COM 3C905TX + IBM PS/2 Mouse   |
| <b>IBM OS/2 WARP (Chinese-Traditional)</b>         | V4.0    | IBM       | Pass   | On-board IDE + Seagate ST36450A + Fujitsu MPB3064AT + WD AC34000 + Pioneer DR-A04S CD-ROM + ASUS AGP-V3000ST + ASUS PCI-L101 + Logitech First Mouse Super     |
| <b>IBM OS/2 WARP (Japanese)</b>                    | V4.0    | IBM       | Pass   | On-board IDE + IBM DAQA-32160 + Samsung VG33402A + Quantum TX8000AT + Funai E2950UA CD-ROM + ASUS AGP-V3000ST + 3COM 3C509B-TP + Logitech First Mouse Super   |
| <b>IBM OS/2 WARP Server</b>                        | V4.0    | IBM       | Pass   | ASUS PCI-AS300 + Seagate ST34501W + Plextor PX-20TSi CD-ROM + miro VIDEO 40SV ergo + Digital DE500XA + IBM PS/2 Mouse   |

### 4.1.2 Application Software Compatibility

| <b>Applications</b>      |            |           |                  |        |   |
|--------------------------|------------|-----------|------------------|--------|---|
| Package Name             | Version    | Publisher | O.S. Environment | Status | Features Tested   |
| <b>IBM Works</b>         | V3.0       | IBM       | OS/2 WARP V4.0   | Pass   | Install from CD-ROM, and execute open, modify, save, quit, ..etc. |
| <b>FaxWorks for OS/2</b> | V3.00 Lite | IBM       | OS/2 WARP V4.0   | Pass   | Send / Receive FAX Document.                                      |

## 4.2 Hardware Compatibility Test

| <b>IDE Controller</b>     |  |        |        |  |        |   |        |
|---------------------------|--|--------|--------|--|--------|---|--------|
| Card Type                 | Primary IDE  |        |        | Secondary IDE  |        | O.S. Environment                        | Status |
|                           | H.D.D./CD-ROM (Mode/Speed)                           | M/S    | M/S    | H.D.D./CD-ROM (Mode/Speed)                           | M/S    |   |        |
| <b>On-board IDE (PCI)</b> | Fujitsu MPA3017AT (4)<br>Teac CD-524E (24X)          | M<br>S | M<br>S | Seagate ST31277 (4)<br>Seagate ST52520A (4)          | M<br>S | OS/2 WARP Connect<br>V3.0               | Pass   |
|                           | Fujitsu MPB3021AT (DMA33)<br>Fujitsu MPA3026AT (4)   | M<br>S | M<br>S | NEC DSE2100A (4)<br>Teac CD-532E (32X)               | M<br>S | OS/2 WARP Connect<br>V3.0               | Pass   |
|                           | Fujitsu MPB3032AT (DMA33)<br>Micropolis 4540A (4)    | M<br>S | M<br>S | Seagate ST32531A (4)<br>Sony CDU571 (16X)            | M<br>S | OS/2 WARP Connect<br>V3.0               | Pass   |
|                           | Fujitsu MPB3052AT (DMA33)<br>Maxtor 88400D8 (DMA33)  | M<br>S | M<br>S | IBM DAQA-32160 (4)<br>BTC BCD16XA (16X)              | M<br>S | OS/2 WARP V4.0<br>(Japanese)            | Pass   |
|                           | IBM DAQA-32160 (4)<br>Samsung VG33402A (DMA33)       | M<br>S | M<br>S | Quantum TX8000AT (DMA33)<br>Funai E2950UA (16X)      | M<br>S | OS/2 WARP V4.0<br>(Japanese)            | Pass   |
|                           | Maxtor 83201A6 (4)<br>Quantum TX4000AT (DMA33)       | M<br>S | M<br>S | Quantum TX4000AT (DMA33)<br>ASUS CD-S340 (34X)       | M<br>S | OS/2 WARP V4.0                          | Pass   |
|                           | Maxtor 83500A8 (4)<br>IBM DCAA-34330 (4)             | M<br>S | M<br>S | Quantum TX4000AT (DMA33)<br>Sony CDU571 (16X)        | M<br>S | OS/2 WARP V4.0                          | Pass   |
|                           | Maxtor 86480D6 (DMA33)<br>Maxtor 88400D8 (DMA33)     | M<br>S | M<br>S | DCS C706A (16X)<br>IBM DAQA-32160 (4)                | M<br>S | OS/2 WARP V4.0                          | Pass   |
|                           | Maxtor 88400D8 (DMA33)<br>IBM DHEA-38451 (DMA33)     | M<br>S | M<br>S | Quantum TX8000AT (DMA33)<br>Sony CDU571 (16X)        | M<br>S | OS/2 WARP V4.0<br>(Chinese-Traditional) | Pass   |
|                           | Micropolis 4540A (4)<br>Quantum TM2110AT (4)         | M<br>S | M<br>S | Fujitsu MPB3032AT (DMA33)<br>Teac CD-524E (24X)      | M<br>S | OS/2 WARP V4.0                          | Pass   |
|                           | Micropolis 4540A (4)<br>DCS C706A (16X)              | M<br>S | M<br>S | Seagate ST32531A (4)<br>Quantum FB3200AT (4)         | M<br>S | OS/2 WARP V4.0                          | Pass   |
|                           | NEC DSE2100A (4)<br>Panasonic CR-586-B (32X)         | M<br>S | M<br>S | Quantum TX4000AT (DMA33)<br>Samsung VG33402A (DMA33) | M<br>S | OS/2 WARP Connect<br>V3.0               | Pass   |
|                           | Quantum FB3200AT (4)<br>Maxtor 82560D3 (DMA33)       | M<br>S | M<br>S | IBM DJAA-31700 (4)<br>DCS C706A (16X)                | M<br>S | OS/2 WARP V4.0                          | Pass   |
|                           | Quantum SE2100AT (DMA33)<br>Samsung VG33402A (DMA33) | M<br>S | M<br>S | Fujitsu MPB3026AT (4)<br>Teac CD-524E (24X)          | M<br>S | OS/2 WARP Server<br>V4.0                | Pass   |
|                           | Quantum TX4000AT (DMA33)<br>Quantum TX4000AT (DMA33) | M<br>S | M<br>S | Fujitsu MPB3032AT (DMA33)<br>Teac CD-532E (32X)      | M<br>S | OS/2 WARP V4.0                          | Pass   |

| <b>IDE Controller</b>     |                            |                          |                            |   |   |        |
|---------------------------|----------------------------|--------------------------|----------------------------|---|---|--------|
| Card Type                 | Primary IDE                |                          | Secondary IDE              |   | O.S. Environment                        | Status |
|                           | H.D.D./CD-ROM (Mode/Speed) | M/S                      | H.D.D./CD-ROM (Mode/Speed) | M/S                                     |   |        |
| <b>On-board IDE (PCI)</b> | Quantum TX8000AT (DMA33)   | M                        | None                       |   | OS/2 WARP V4.0<br>(Chinese-Traditional) | Pass   |
|                           | Hitachi CDR-8430 (32X)     | S                        |                            |   |   |        |
|                           | Seagate ST31277A (4)       | M                        | Quantum TM2110AT (4)       | M                                       | OS/2 WARP Connect<br>V3.0               | Pass   |
|                           | Micropolis 4540A (4)       | S                        | Teac CD-524E (24X)         | S                                       |   |        |
|                           | Seagate ST32531A (4)       | M                        | Quantum TX4000AT (DMA33)   | M                                       | OS/2 WARP V4.0                          | Pass   |
|                           | Quantum TX4000AT (DMA33)   | S                        | Teac CD-524E (24X)         | S                                       |   |        |
|                           | Seagate ST36450A (4)       | M                        | WD AC24300 (DMA33)         | M                                       | OS/2 WARP V4.0<br>(Chinese-Traditional) | Pass   |
|                           | Fujitsu MPB3064AT (DMA33)  | S                        | Pioneer DR-A04S (32X)      | S                                       |   |        |
|                           | Seagate ST52520A (4)       | M                        | IBM DAQA-32160 (4)         | M                                       | OS/2 WARP Connect<br>V3.0               | Pass   |
|                           | Pioneer DR-A04S (32X)      | S                        | Quantum SE2100AT (DMA33)   | S                                       |   |        |
| WD AC24300 (DMA33)        | M                          | Quantum SE2100AT (DMA33) | M                          | OS/2 WARP V4.0                          | Pass                                    |        |
| Maxtor 83062A7 (4)        | S                          | ASUS-CD-S340 (34X)       | S                          |   |   |        |
| WD AC36400 (DMA33)        | M                          | Quantum SE2100AT (DMA33) | M                          | OS/2 WARP V4.0<br>(Chinese-Traditional) | Pass                                    |        |
| Fujitsu MPB3021AT (DMA33) | S                          | Acer CD616A (18X)        | S                          |   |   |        |
| WD AC36400 (DMA33)        | M                          | None                     |                            | OS/2 WARP V4.0                          | Pass                                    |        |
| Pioneer DR-A04S (32X)     | S                          |                          |                            |   |   |        |

| <b>SCSI Disk Controllers</b> |  |                   |                    |                              |        |
|------------------------------|--|-------------------|--------------------|------------------------------|--------|
| Card Type                    | Card Model                                   | H.D.D.            | CD-ROM             | O.S. Environment             | Status |
| <b>SCSI (ISA)</b>            | <b>Adaptec AHA-1542CP Rev.B (BIOS:V1.02)</b> | Maxtor MX9217SSN  | NEC CDR-1410A      | OS/2 WARP Connect V3.0       | Pass   |
| <b>SCSI (PCI)</b>            | <b>On-board AIC-7890AB</b>                   | IBM DCAS-34330W   | NEC CDR-1610A      | OS/2 WARP Server V4.0        | Pass   |
|                              |  | Seagate ST34501W  | NEC CDR-1810A      | OS/2 WARP V4.0               | Pass   |
|                              | <b>ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)</b>   | Seagate ST34501W  | Plextor PX-20TSi   | OS/2 WARP Server V4.0        | Pass   |
|                              | <b>ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)</b>   | Quantum HN9100SW  | NEC CDR-1610A      | OS/2 WARP Server V4.0        | Pass   |
|                              | <b>Adaptec AHA-2940AU Rev.A (BIOS:V1.30)</b> | Quantum HN9100S   | Panasonic CR-506-B | OS/2 WARP Server V4.0        | Pass   |
|                              | <b>Adaptec AHA-2940UW Rev.C (BIOS:V1.25)</b> | Quantum HN2275SW  | Panasonic CR-508-B | OS/2 WARP V4.0               | Pass   |
|                              | <b>Adaptec AHA-3940UW Rev.A (BIOS:V1.25)</b> | Seagate ST32155W  | Panasonic CR-508-B | OS/2 WARP V4.0               | Pass   |
|                              | <b>AdvanSys ABP-930UA Rev.1 (BIOS:V2.8C)</b> | Micropolis 4345AV | Teac CD-532S       | OS/2 WARP Connect V3.0       | Pass   |
|                              | <b>AdvanSys ABP-940U Rev.A (BIOS:V2.6L)</b>  | Fujitsu M2954SYU  | Teac CD-532S       | OS/2 WARP Connect V3.0       | Pass   |
|                              | <b>Buslogic BT930 Rev.A (BIOS:V1.41d)</b>    | Quantum HN4550S   | NEC CDR-1810A      | OS/2 WARP Connect V3.0       | Pass   |
|                              | <b>Buslogic BT948C Rev.Ab (BIOS:V4.96F)</b>  | WD WDE2170        | NEC CDR-1610A      | OS/2 WARP V4.0               | Pass   |
|                              | <b>Buslogic BT950 Rev.A (BIOS:V1.41d)</b>    | Seagate ST31055N  | Teac CD-532S       | OS/2 WARP V4.0<br>(Japanese) | Pass   |
|                              | <b>DPT PM2144UW (BIOS:V003.DS)</b>           | WD WDE4360        | NEC CDR-1810A      | OS/2 WARP Server V4.0        | Pass   |
|                              | <b>Initio INI-9100UW Rev.E (BIOS:V1.02)</b>  | Quantum VK4550S   | Plextor PX-20TSi   | OS/2 WARP Server V4.0        | Pass   |
|                              | <b>Promise SCSIULTRA Rev.B (BIOS:V4.03)</b>  | IBM DCAS-32160W   | Teac CD-532S       | OS/2 WARP Server V4.0        | Pass   |

| <b>RAID Controllers</b> |   |                      |                    |                        |        |
|-------------------------|---|----------------------|--------------------|------------------------|--------|
| Card Type               | Card Model                                  | H.D.D.               | CD-ROM             | O.S. Environment       | Status |
| <b>RAID Controller</b>  | <b>ASUS PCI-DA2100 Rev.3A (BIOS:V1.14A)</b> | Quantum HN4550SW * 2 | Panasonic CR-506-B | OS/2 WARP Connect V3.0 | Pass   |
|                         | <b>DPT PM3334UW (BIOS:V003.DS)</b>          | Quantum HN9100SW * 2 | Panasonic CR-506-B | OS/2 WARP V4.0         | Pass   |

| <b>Graphic Adapters</b> |   |                                   |                        |        |                |
|-------------------------|---|-----------------------------------|------------------------|--------|----------------|
| Card Type               | Card Model  | Peripheral Device                 | O.S. Environment       | Status | Remark         |
| <b>VGA (PCI)</b>        | <b>ASUS PCI-V264GT/Plus Rev.1.2 (BIOS:V3.8.0/3.007)</b> | On-board IDE<br>Fujitsu MPA3017AT | OS/2 WARP Connect V3.0 | Pass   | ATI 3D RAGE II |

| <b>Graphic Adapters</b>  |  |  |      |  |   |        |                |
|--------------------------|--|--|------|--|---|--------|----------------|
| Card Type                | Card Model                                       | Peripheral Device  |      |  | O.S. Environment                                | Status | Remark         |
| VGA<br>(PCI)             | ASUS PCI-V775V2C<br>Rev.2.02<br>(BIOS:V1.01.04B) | On-board IDE<br>Fujitsu MPA3017AT                            |      |  | OS/2 WARP Connect V3.0                          | Pass   | S3-Trio64V2/DX |
|                          | ASUS 3DP-V375DX<br>Rev.1.04<br>(BIOS:V1.01.01A)  | On-board IDE<br>Fujitsu MPA3017AT                            |      |  | OS/2 WARP Connect V3.0                          | Pass   | S3-VIRGE/DX    |
|                          | Matrox MGA MIL/4+<br>Rev.A (BIOS:V2.2)           | On-board IDE<br>Micropolis 4540A                             |      |  | OS/2 WARP V4.0                                  | Pass   | Power Graphics |
| <b>Multimedia Kit</b>    |  |  |      |  |   |        |                |
| Card Type                | Card Model                                       | Peripheral Device  |      |  | O.S. Environment                                | Status | Remark         |
| Sound<br>Card            | ASUS I-A16C<br>Rev.1.2                           | On-board AIC-7890AB<br>Seagate ST34501W<br>NEC CDR-1810A     |      |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Creative Sound Blaster<br>32 PnP                 | Adaptec AHA-2940UW<br>Quantum HN2275SW<br>Panasonic CR-508-B |      |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Creative Sound Blaster<br>AWE32 PnP              | Adaptec AHA-2940UW<br>Quantum HN2275SW<br>Panasonic CR-508-B |      |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Arvin AudioMagic - PnP<br>Rev.2.1                | Promise SCSIULTRA<br>IBM DCAS-32160W<br>Teac CD-532S         |      |  | OS/2 WARP Server V4.0                           | Pass   |                |
| <b>Ethernet Adapters</b> |  |  |      |  |   |        |                |
| Card Type                | Card Model                                       | Configurations:<br>IRQ Port Addr. DMA                        |      |  | O.S. Environment                                | Status | Remark         |
| Ethernet<br>(ISA)        | 3COM 3C509B-TP<br>(Plug and Play)                | 5  | 300  |  | OS/2 WARP V4.0 (Japanese)                       | Pass   |                |
|                          | 3COM 3C509TP<br>(Plug and Play)                  | 5  | 300  |  | OS/2 WARP Connect V3.0                          | Pass   |                |
|                          | Intel PCLA8205                                   | Auto   | Auto |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Novell NE2000Plus-3                              | 5  | 300  |  | OS/2 WARP Connect V3.0<br>(Chinese-Traditional) | Pass   |                |
| Ethernet<br>(PCI)        | ASUS PCI-DEC10-TB+<br>Rev.B1                     | Auto   | Auto |  | OS/2 WARP Connect V3.0                          | Pass   |                |
|                          | Accton EN1203<br>Rev.01C                         | Auto   | Auto |  | OS/2 WARP Connect V3.0                          | Pass   |                |
|                          | Accton EN1208<br>Rev.01A                         | Auto   | Auto |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Compaq NETFLEX-3/P<br>Rev.A                      | Auto   | Auto |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Cogent EM960                                     | Auto   | Auto |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Cogent EM964                                     | Auto   | Auto |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Digital DE450AC<br>Rev.A01                       | Auto   | Auto |  | OS/2 WARP V4.0<br>(Chinese-Traditional)         | Pass   |                |
|                          | D-Link DE-530CT+<br>Rev.A1                       | Auto   | Auto |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | IBM PCI Ethernet<br>Rev.B2                       | Auto   | Auto |  | OS/2 WARP V4.0                                  | Pass   |                |
|                          | Intel PILA840X                                   | Auto   | Auto |  | OS/2 WARP Server V4.0                           | Pass   |                |
|                          | Proteon P1670-EA                                 | Auto   | Auto |  | OS/2 WARP Connect V3.0                          | Pass   |                |
|                          | SMC 8432BT<br>Rev.A                              | Auto   | Auto |  | OS/2 WARP V4.0 (Japanese)                       | Pass   |                |
|                          | Thomas-Conrad TC5048<br>Rev.A                    | Auto   | Auto |  | OS/2 WARP V4.0<br>(Chinese-Traditional)         | Pass   |                |
| 100BaseTx                | On-board Intel 82558                             | Auto   | Auto |  | OS/2 WARP Server V4.0                           | Pass   |                |
|                          | ASUS PCI-DEC100TX<br>Rev.01                      | Auto   | Auto |  | OS/2 WARP Server V4.0                           | Pass   |                |
|                          | ASUS PCI-L101                                    | Auto   | Auto |  | OS/2 WARP Server V4.0                           | Pass   |                |

| <b>Ethernet Adapters</b>   |  |                  |            |   |                              |                    |        |
|----------------------------|--|------------------|------------|---|------------------------------|--------------------|--------|
| Card Type                  | Card Model                                   | Configurations:  |            |   | O.S. Environment             | Status             | Remark |
|                            |  | IRQ              | Port Addr. | DMA                                       |                              |                    |        |
| 100BaseTx                  | Acer ALN-315                                 | Auto             | Auto       |   | OS/2 WARP Connect V3.0       | Pass               |        |
|                            | 3Com 3C595TX Rev.B                           | Auto             | Auto       |   | OS/2 WARP Server V4.0        | Pass               |        |
|                            | 3Com 3C905TX Rev.B                           | Auto             | Auto       |   | OS/2 WARP V4.0               | Pass               |        |
|                            | Accton EN1207 Rev.01                         | Auto             | Auto       |   | OS/2 WARP V4.0               | Pass               |        |
|                            | CNET CN100TX                                 | Auto             | Auto       |   | OS/2 WARP Server V4.0        | Pass               |        |
|                            | Cogent EM110TX                               | Auto             | Auto       |   | OS/2 WARP V4.0<br>(Japanese) | Pass               |        |
|                            | Digital DE500XA                              | Auto             | Auto       |   | OS/2 WARP Server V4.0        | Pass               |        |
|                            | Intel PILA8465                               | Auto             | Auto       |   | OS/2 WARP Server V4.0        | Pass               |        |
|                            | Intel PILA8465B                              | Auto             | Auto       |   | OS/2 WARP Connect V3.0       | Pass               |        |
|                            | SMC 9332DST                                  | Auto             | Auto       |   | OS/2 WARP Connect V3.0       | Pass               |        |
| <b>Token-Ring Adapters</b> |  |                  |            |   |                              |                    |        |
| Card Type                  | Card Model                                   | Configurations:  |            |   | O.S. Environment             | Status             | Remark |
|                            |  | IRQ              | Port Addr. | DMA                                       |                              |                    |        |
| Token-Ring (ISA)           | IBM Auto 16/4 Adapter (Plug and Play)        | Auto             | Auto       |   | OS/2 WARP Server V4.0        | Pass               |        |
|                            | Intel PCLA815X (Plug and Play)               | Auto             | Auto       |   | OS/2 WARP V4.0               | Pass               |        |
|                            | Olicom OC-3118 Rev.3 (Plug and Play)         | Auto             | Auto       | Auto                                      | OS/2 WARP Server V4.0        | Pass               |        |
|                            | Proteon P1392Plus Rev.J (Plus and Play)      | 5                | A20        | 5   | OS/2 WARP V4.0               | Pass               |        |
|                            | Thomas-Conrad TC4145-C (Plug and Play) Rev.A | Auto             | Auto       |   | OS/2 WARP Server V4.0        | Pass               |        |
| Token-Ring (PCI)           | Olicom OC-3870 Rev.4                         | Auto             | Auto       |   | OS/2 WARP Server V4.0        | Pass               |        |
|                            | Proteon P1690 Rev.B                          | Auto             | Auto       |   | OS/2 WARP Connect V3.0       | Pass               |        |
|                            | Thomas-Conrad TC4048 (Plug and Play) Rev.A   | Auto             | Auto       |   | OS/2 WARP Connect V3.0       | Pass               |        |
| <b>Modem Devices</b>       |  |                  |            |   |                              |                    |        |
| Type                       | Model  | O.S. Environment |            | Application                               | Status                       | Remark             |        |
| Modems (Internal)          | Compeq Netelligent 56K                       | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 56,000 BPS<br>COM2 |        |
| Modems (External)          | ADI SVD-336RE/S00                            | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 33,600 BPS<br>COM2 |        |
|                            | ADI SVD-56K6RE/S00                           | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 56,000 BPS<br>COM2 |        |
|                            | USRobotics 56K Sportster                     | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 56,000 BPS<br>COM2 |        |
|                            | GVC SF-1156V/R                               | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 56,000 BPS<br>COM2 |        |
|                            | Hayes OPTIMA 288                             | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 28,800 BPS<br>COM2 |        |
|                            | USRobotics Sportster Vi                      | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 33,600 BPS<br>COM2 |        |
|                            | ZYXEL U-336E                                 | OS/2 WARP V4.0   |            | IBM Dial-Up for TCP/IP<br>FTP-PM Download | Pass                         | 33,600 BPS<br>COM2 |        |
| <b>Printer Devices</b>     |  |                  |            |   |                              |                    |        |
| Type                       | Model  | O.S. Environment |            | Status                                    | Remark / Special Setting     |                    |        |
| Parallel                   | HP LaserJet 5L                               | OS/2 WARP V4.0   |            | Pass                                      |                              |                    |        |

| <b>M.O. Devices</b>          |                       |                  |        |                          |
|------------------------------|-----------------------|------------------|--------|--------------------------|
| Type                         | Model                 |                  | Status | Remark / Special Setting |
| SCSI                         | Fujitsu Dyna M2513S2B | OS/2 WARP V4.0   | Pass   |                          |
|                              | Mitsubishi MCA640     | OS/2 WARP V4.0   | Pass   |                          |
| <b>Removable HDD Devices</b> |                       |                  |        |                          |
| Type                         | Model                 |                  | Status | Remark / Special Setting |
| SCSI                         | lomega V1000S JAZ     | OS/2 WARP V4.0   | Pass   |                          |
|                              | lomega V1000Si JAZ    | OS/2 WARP V4.0   | Pass   |                          |
| <b>ZIP Devices</b>           |                       |                  |        |                          |
| Type                         | Model                 | O.S. Environment | Status | Remark / Special Setting |
| SCSI                         | lomega Z100S2         | OS/2 WARP V4.0   | Pass   |                          |
|                              | lomega Z100Si         | OS/2 WARP V4.0   | Pass   |                          |
| Parallel                     | lomega Z100P2         | OS/2 WARP V4.0   | Pass   |                          |

### 4.3 Field (stress) Test For Networking Environment

|                       |   |                 |                 |
|-----------------------|---|-----------------|-----------------|
| <b>Test Type</b>      | <b>IBM OS/2 WARP Server V4.0 test</b>   |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-333 + 64MB(SDRAM 64MB * 1) + 512KB(Internal) + On-board AIC-7890AB + IBM DCAS-34330W + NEC CDR-1610A CD-ROM + ASUS 3DP-V3000L + On-board Intel 82558 + IBM PS/2 Mouse                                  |                 |                 |
|                       | 1 * Server (OS/2 WARP Server V4.0)<br>1 * Client (OS/2 WARP V4.0)   |                 |                 |
| <b>Test Procedure</b> | Server : Run multitasking program and network I/O test.<br>Client : Run multitasking program and get data transfer between Server and client.   |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>63 Hours</b> |
| <b>Test Type</b>      | <b>IBM OS/2 WARP V4.0 test</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 64MB(SDRAM 64MB * 1) + 512KB(Internal) + On-board IDE + Quantum TX4000AT + Quantum TX4000AT + Fujitsu MPB3032AT + Teac CD-532E CD-ROM + ASUS AGP-V3000ST + AcctonEN1203 + Microsoft Serial Mouse |                 |                 |
|                       | 1 * Client (OS/2 WARP V4.0)<br>1 * Server (OS/2 WARP Server V4.0)   |                 |                 |
| <b>Test Procedure</b> | Server : Allows other user to log-on and connect.<br>Client : Run multitasking program and get data transfer between Server and client.   |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>14 Hours</b> |
| <b>Test Type</b>      | <b>IBM OS/2 WARP V4.0 CTK test</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 96MB(SDRAM 64MB + 32MB) + 512KB(Internal) + On-board AIC-7890AB + Seagate ST32155W + NEC CDR-1610A CD-ROM + miro VIDEO 40SV ergo + ASUS I-A16C + IBM PS/2 Mouse                                  |                 |                 |
|                       | 1 * Peer (OS/2 WARP V4.0)   |                 |                 |
| <b>Test Procedure</b> | Run Stress Test items.  |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>6 Hours</b>  |



## 5. Novell NetWare Operating System Test

### 5.1 Software Compatibility Test

#### 5.1.1 Network Operating System Compatibility

| O.S. Name          | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller   |
|--------------------|---------|-----------|--------|---|
| <b>Netware 386</b> | V3.12   | Novell    | Pass   | Buslogic BT950 + Quantum HN2275SW + ASUS PCI-V264VT + Cogent EM440TX  |
| <b>Netware</b>     | V4.1    | Novell    | Pass   | Adaptec AHA-2940UW + Seagate ST19101N + Teac CD-532S CD-ROM + ASUS AGP-V385GX2 + 3COM 3C509B-TP + Cogent EM960 + Cogent EM110TX                                   |
| <b>Netware</b>     | V4.11   | Novell    | Pass   | On-board Adaptec AIC-7890AB + ASUS PCI-DA2100 + IBM DGHS-950W + Seagate ST19101W + Quantum HN4550SW + Sony CDU625 CD-ROM + ASUS PCI-V264VT + On-board Intel 82558 |

#### 5.1.2 Application Software Compatibility

| <b>Network Backup</b>               |         |            |                  |        |  |
|-------------------------------------|---------|------------|------------------|--------|--|
| Package Name                        | Version | Publisher  | O.S. Environment | Status | Features Tested  |
| <b>ARCserve for Netware</b>         | V6.1    | Cheyenne   | NetWare V4.11    | Pass   | Backup/restore, device management<br>Run on server with AHA-2940UW |
| <b>Network Benchmark</b>            |         |            |                  |        |  |
| Package Name                        | Version | Publisher  | O.S. Environment | Status | Features Tested  |
| <b>NetBench</b>                     | V5.01   | Ziff-Davis | NetWare V4.11    | Pass   | Run all mixes with On-board Adaptec AIC-7890AB.                    |
| <b>ServerBench for Netware V4.X</b> | V3.0    | Ziff-Davis | NetWare V4.11    | Pass   | Run all mixes with On-board Adaptec AIC-7890AB.                    |

## 5.2 Hardware Compatibility Test

| <b>IDE Controller</b>        |   |                                      |  |                            |                  |                  |        |
|------------------------------|---|--------------------------------------|--|----------------------------|------------------|------------------|--------|
| Card Type                    | Primary IDE                                   |                                      |  | Secondary IDE              |                  | O.S. Environment | Status |
|                              | H.D.D./CD-ROM (Mode/Speed)                    | M/S                                  |  | H.D.D./CD-ROM (Mode/Speed) | M/S              |                  |        |
| <b>On-board IDE (PCI)</b>    | Seagate ST32122A (4)                          | M                                    |  | Pioneer DR-A04X (32X)      | M                | NetWare V4.11    | Pass   |
|                              | Fujitsu MPB3023AT (DMA33)                     | M                                    |  | ASUS CD-S340 (34X)         | M                | NetWare V4.11    | Pass   |
|                              | IBM DHEA-36480 (DMA33)                        | M                                    |  | Philips PCA243CD (24X)     | M                | NetWare V4.11    | Pass   |
|                              | Samsung VG33402A (DMA33)                      | M                                    |  | Panasonic CR-586-B (32X)   | M                | NetWare V4.11    | Pass   |
|                              | Maxtor 82560D3 (DMA33)                        | M                                    |  | Acer 632A (32X)            | M                | NetWare V4.11    | Pass   |
| <b>SCSI Disk Controllers</b> |   |                                      |  |                            |                  |                  |        |
| Card Type                    | Card Model                                    | H.D.D.                               |  | CD-ROM                     | O.S. Environment | Status           |        |
| <b>SCSI (ISA)</b>            | <b>Adaptec AHA-1542CF Rev.C (BIOS:V2.02)</b>  | NEC DSE2550S                         |  | Teac CD-532S               | NetWare V4.11    | Pass             |        |
|                              | <b>Adaptec AHA-1542CP Rev.B (BIOS:V1.02)</b>  | Seagate ST34371N                     |  | Sony CDU415                | NetWare V4.11    | Pass             |        |
| <b>SCSI (PCI)</b>            | <b>ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)</b>    | Seagate ST34501W                     |  | Panasonic CR-508-B         | NetWare V4.11    | Pass             |        |
|                              | <b>ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)</b>    | IBM DCAS-34330W                      |  | Pioneer DR-U06S            | NetWare V4.11    | Pass             |        |
|                              | <b>Adaptec AHA-2940UW Rev.F (BIOS:V1.25)</b>  | Seagate ST19101N                     |  | Teac CD-532S               | NetWare V4.1     | Pass             |        |
|                              | <b>Adaptec AHA-2940AU Rev.A (BIOS:V1.25)</b>  | Fujitsu M2952SYU                     |  | None                       | NetWare V4.1     | Pass             |        |
|                              | <b>Adaptec AHA-3940UW Rev.B (BIOS:V1.24)</b>  | Quantum VK4550SW<br>IBM DCAS-34330W  |  | None                       | NetWare V3.12    | Pass             |        |
|                              | <b>AdvanSys ABP-930UA Rev.1 (BIOS:V2.8.0)</b> | Seagate ST19101N                     |  | None                       | NetWare V4.1     | Pass             |        |
|                              | <b>AdvanSys ABP-940U Rev.2 (BIOS:V2.6.0)</b>  | Seagate ST34371N                     |  | None                       | NetWare V3.12    | Pass             |        |
|                              | <b>Buslogic BT932 Rev.A (BIOS:V1.41d)</b>     | Seagate ST34371N<br>Fujitsu M2952SYU |  | NEC CDR-1810A              | NetWare V4.11    | Pass             |        |

| <b>SCSI Disk Controllers</b> |   |  |      |   |  |                  |                              |         |
|------------------------------|---|--|------|---|--|------------------|------------------------------|---------|
| Card Type                    | Card Model                                      | H.D.D.   |      |   | CD-ROM   | O.S. Environment | Status                       |         |
| <b>SCSI (PCI)</b>            | <i>Buslogic BT948C Rev.Ab (BIOS:4.96F)</i>      | Fujitsu M2952SYU                                   |      |   | None   | NetWare V3.12    | Pass                         |         |
|                              | <i>Buslogic BT950 Rev.A (BIOS:V1.41d)</i>       | Quantum HN2275SW                                   |      |   | None   | NetWare V3.12    | Pass                         |         |
|                              | <i>DPT PM2144UW (BIOS:V003.DS)</i>              | Seagate ST32171N                                   |      |   | Sony CDU415                                    | NetWare V4.11    | Pass                         |         |
|                              | <i>Initio INI-9100UW Rev.E (BIOS:1.02)</i>      | IBM DDRS-34560W                                    |      |   | None   | NetWare V4.1     | Pass                         |         |
|                              | <i>On-board Adaptec AIC-7890AB (BIOS:V1.50)</i> | IBM DCAS-34330W                                    |      |   | NEC CDR-1610A                                  | NetWare V4.11    | Pass                         |         |
|                              | <i>Promise SCSIUltra Rev.B (BIOS:V4.3)</i>      | Quantum VK4550SW                                   |      |   | None   | NetWare V3.12    | Pass                         |         |
| <b>RAID Controllers</b>      |   |  |      |   |  |                  |                              |         |
| Card Type                    | Card Model                                      | H.D.D.   |      |   | CD-ROM   | O.S. Environment | Status                       |         |
| <b>RAID Controller</b>       | <i>ASUS PCI-DA2100 Rev.3A (BIOS:V1.14A)</i>     | Seagate ST32171W<br>WD WDE4360W                    |      |   | None   | NetWare V4.1     | Pass                         |         |
|                              | <i>DPT PM3334UW (BIOS:V009.A0)</i>              | Quantum VK4550SW<br>IBM DCAS-34330W<br>WD WDE4360W |      |   | Sony CDU415                                    | NetWare V4.11    | Pass                         |         |
|                              | <i>Mylex DAC-960P</i>                           | Quantum VK4550SW<br>IBM DCAS-34330W<br>WD WDE4360W |      |   | On-board IDE                                   | NetWare V4.11    | Pass                         |         |
| <b>Ethernet Adapters</b>     |   |  |      |   |  |                  |                              |         |
| Card Type                    | Card Model                                      | Configurations:<br>IRQ Port Addr. DMA              |      |   | O.S. Environment                               | Status           | Driver Name<br>Server Client |         |
| <b>Ethernet (ISA)</b>        | <i>3COM 3C509B-TP (Plug and Play)</i>           | 5  | 360  |   | NetWare V3.12<br>NetWare V4.1                  | Pass             | 3c5x9                        | 3c5x9   |
|                              | <i>Accton EN166X Rev.02 (Plug and Play)</i>     | Auto   | Auto |   | NetWare V4.11                                  | Pass             | acc6x                        | mpx2pnp |
|                              | <i>Cnet 288PnP Rev.A (Plug and Play)</i>        | Auto   | Auto |   | NetWare V3.12<br>NetWare V4.1                  | Pass             | e200p                        | e200p   |
|                              | <i>Cnet 888E Rev.1.4</i>                        | 3  | 300  |   | NetWare V3.12<br>NetWare V4.1                  | Pass             | enet16a                      | enet16a |
|                              | <i>D-Link DE220PCT Rev.C1 (Plug and Play)</i>   | Auto   | Auto |   | NetWare V4.11                                  | Pass             | de22x                        | de22x   |
|                              | <i>HP NC/16TP Rev.D</i>                         | 5  | 300  | 7 | NetWare V4.11                                  | Pass             | am2100                       | am2100  |
|                              | <i>Intel PCLA8200</i>                           | 5  | 360  |   | NetWare V3.12<br>NetWare V4.11                 | Pass             | epro                         | eproodi |
|                              | <i>Intel PCLA8205</i>                           | 5  | 340  |   | NetWare V4.1                                   | Pass             | epro                         | eproodi |
|                              | <i>Novell NE2000Plus-3</i>                      | 5  | 300  |   | NetWare V4.1                                   | Pass             | ne2000                       | ne2000  |
|                              | <i>SMC 8013WC Rev.A</i>                         | 3  | 280  |   | NetWare V4.11                                  | Pass             | smc8000                      | smc8000 |
| <b>Ethernet (PCI)</b>        | <i>ASUS PCI-DEC10-TB+ Rev.B1</i>                | Auto   | Auto |   | NetWare V4.11                                  | Pass             | ethpci                       | ethpci  |
|                              | <i>3COM 3C590C Rev.14</i>                       | Auto   | Auto |   | NetWare V3.12<br>NetWare V4.11                 | Pass             | 3c59x                        | 3c59x   |
|                              | <i>3COM 3C900C Rev.14</i>                       | Auto   | Auto |   | NetWare V4.11                                  | Pass             | 3c90x                        | 3c90x   |
|                              | <i>Accton EN1203 Rev.01C</i>                    | Auto   | Auto |   | NetWare V4.11                                  | Pass             | pci40                        | pcimlid |
|                              | <i>Accton EN1208 Rev.01A</i>                    | Auto   | Auto |   | NetWare V4.11                                  | Pass             | 1208odi                      | 1208odi |
|                              | <i>Compaq NETFLEX-3/P Rev.A</i>                 | Auto   | Auto |   | NetWare V3.12<br>NetWare V4.1<br>NetWare V4.11 | Pass             | cpqnf3                       | cpqnf3  |
|                              | <i>Cogent EM960</i>                             | Auto   | Auto |   | NetWare V3.12<br>NetWare V4.1<br>NetWare V4.11 | Pass             | empci                        | empci   |
|                              | <i>Digital DE450AC Rev.A01</i>                  | Auto   | Auto |   | NetWare V4.11                                  | Pass             | de450                        | de450   |
|                              | <i>D-Link DE-530CT+ Rev.A1</i>                  | Auto   | Auto |   | NetWare V4.11                                  | Pass             | dlkpci                       | dlkpci  |

| <b>Ethernet Adapters</b>   |  |                 |            |     |                                |        |             |          |
|----------------------------|--|-----------------|------------|-----|--------------------------------|--------|-------------|----------|
| Card Type                  | Card Model                                   | Configurations: |            |     | O.S. Environment               | Status | Driver Name |          |
|                            |  | IRQ             | Port Addr. | DMA |                                |        | Server      | Client   |
| <b>Ethernet (PCI)</b>      | <i>HP J2973A</i>                             | Auto            | Auto       |     | NetWare V4.11                  | Pass   | hptxodim    | hptxodim |
|                            | <i>IBM PCI Ethernet Rev.B2</i>               | Auto            | Auto       |     | NetWare V3.12<br>NetWare V4.11 | Pass   | ibmeanws    | ibmeanwc |
|                            | <i>Intel PILA840X</i>                        | Auto            | Auto       |     | NetWare V3.12<br>NetWare V4.11 | Pass   | e10p        | e10podi  |
|                            | <i>Proteon P1670-EA</i>                      | Auto            | Auto       |     | NetWare V4.11                  | Pass   | pci40       | pcimlid  |
|                            | <i>SMC 8432BT Rev.A</i>                      | Auto            | Auto       |     | NetWare V4.11                  | Pass   | smcpwr      | smcpwr   |
|                            | <i>Thomas-Conrad TC5048 Rev.A</i>            | Auto            | Auto       |     | NetWare V4.11                  | Pass   | tce32pch    | tce32pcw |
|                            | <i>Xpoint Dual PeerSwitch 10/100 Rev.2</i>   | Auto            | Auto       |     | NetWare V4.11                  | Pass   | thpci2tx    | N/A      |
| <b>100BaseTx</b>           | <i>Acer ALN-315</i>                          | Auto            | Auto       |     | NetWare V4.11                  | Pass   | aln315      | aln315   |
|                            | <i>ASUS PCI-DEC100TX+ Rev.01</i>             | Auto            | Auto       |     | NetWare V4.11                  | Pass   | ethpci      | ethpci   |
|                            | <i>ASUS PCI-L101 Rev.1.03</i>                | Auto            | Auto       |     | NetWare V3.12<br>NetWare V4.1  | Pass   | e100b       | e100bodi |
|                            | <i>3Com 3C595-TX Rev.B</i>                   | Auto            | Auto       |     | NetWare V3.12                  | Pass   | 3c59x       | 3c59x    |
|                            | <i>3Com 3C905B-TX Rev.B</i>                  | Auto            | Auto       |     | NetWare V4.11                  | Pass   | 3c90x       | 3c90x    |
|                            | <i>3Com 3C905-TX Rev.B</i>                   | Auto            | Auto       |     | NetWare V4.11                  | Pass   | 3c90x       | 3c90x    |
|                            | <i>Accton EN1207 Rev.01</i>                  | Auto            | Auto       |     | NetWare V3.12<br>NetWare V4.11 | Pass   | pci40       | pcimlid  |
|                            | <i>CNet CN100TX</i>                          | Auto            | Auto       |     | NetWare V4.11                  | Pass   | dc21x4      | dc21x4   |
|                            | <i>Cogent EM110TX</i>                        | Auto            | Auto       |     | NetWare V3.12<br>NetWare V4.1  | Pass   | empci       | empci    |
|                            | <i>Cogent EM440TX</i>                        | Auto            | Auto       |     | NetWare V3.12<br>NetWare V4.11 | Pass   | empci       | empci    |
|                            | <i>Digital DE500XA</i>                       | Auto            | Auto       |     | NetWare V4.11                  | Pass   | de500       | de500    |
|                            | <i>D-Link DFE-500TX Rev.B4</i>               | Auto            | Auto       |     | NetWare V4.11                  | Pass   | dlkpci      | dlkpci   |
|                            | <i>HP J3171A</i>                             | Auto            | Auto       |     | NetWare V4.11                  | Pass   | hptx        | hptxodi  |
|                            | <i>Intel EtherExpress PRO/100+</i>           | Auto            | Auto       |     | NetWare V3.12<br>NetWare V4.11 | Pass   | e100b       | e100bodi |
|                            | <i>Intel PILA8465B</i>                       | Auto            | Auto       |     | NetWare V4.1                   | Pass   | e100b       | e100bodi |
|                            | <i>Intel PILA8485</i>                        | Auto            | Auto       |     | NetWare V3.12                  | Pass   | e100s       | N/A      |
|                            | <i>On-board Intel 82558</i>                  | Auto            | Auto       |     | NetWare V4.11                  | Pass   | e100b       | e100bodi |
|                            | <i>SMC 9332DST</i>                           | Auto            | Auto       |     | NetWare V4.11                  | Pass   | smcpwr      | smcpwr   |
| <b>Token-Ring Adapters</b> |  |                 |            |     |                                |        |             |          |
| Card Type                  | Card Model                                   | Configurations: |            |     | O.S. Environment               | Status | Driver Name |          |
|                            |  | IRQ             | Port Addr. | DMA |                                |        | Server      | Client   |
| <b>Token-Ring (ISA)</b>    | <i>3COM 3C619B Rev.C</i>                     | 5               | A20        |     | NetWare V4.1                   | Pass   | 3ctoken     | 3ctoken  |
|                            | <i>3COM 3C619C Rev.A</i>                     | 5               | A20        |     | NetWare V4.1                   | Pass   | 3ctoken     | 3ctoken  |
|                            | <i>Accton TR1615 Rev.C1</i>                  | 3               | A20        |     | NetWare V4.1                   | Pass   | token       | token    |
|                            | <i>D-Link DT-220P</i>                        | 9               | A20        |     | NetWare V4.11                  | Pass   | token       | token    |
|                            | <i>IBM Auto 16/4 Adapter (Plug and Play)</i> | Auto            | Auto       |     | NetWare V4.1                   | Pass   | token       | token    |
|                            | <i>Intel PCLA815X (Plug and Play)</i>        | 5               | 340        |     | NetWare V4.11                  | Pass   | tpro        | tproodi  |

| <b>Token-Ring Adapters</b> |  |                                  |      |           |                  |                          |                        |          |
|----------------------------|--|----------------------------------|------|-----------|------------------|--------------------------|------------------------|----------|
| Card Type                  | Card Model                                   | Configurations:                  |      |           | O.S. Environment | Status                   | Driver Name            |          |
|                            |  | IRQ                              | Port | Addr. DMA |                  |                          | Server                 | Client   |
| Token-Ring (ISA)           | Olicom OC-3118 Rev.3 (Plug and Play)         | Auto                             | Auto |           | NetWare V4.11    | Pass                     | octok162               | octok16  |
|                            | Proteon P1392Plus Rev.J                      | Auto                             | Auto |           | NetWare V4.11    | Pass                     | pinw4xx                | pidosodi |
|                            | Thomas-Conrad TC4145-C Rev.A (Plug and Play) | Auto                             | Auto |           | NetWare V4.11    | Pass                     | tctokh                 | tctoksh  |
| Token-Ring (PCI)           | Olicom OC-3870 Rev.4                         | Auto                             | Auto |           | NetWare V4.1     | Pass                     | octok162               | octok16  |
|                            | Proteon P1690 Rev.B                          | Auto                             | Auto |           | NetWare V4.11    | Pass                     | ppnw4xx                | ppnw4xx  |
|                            | Thomas-Conrad TC4048 Rev.A                   | Auto                             | Auto |           | NetWare V4.11    | Pass                     | tcpcih                 | tc4048sh |
| <b>Pocket LAN</b>          |  |                                  |      |           |                  |                          |                        |          |
| Card Type                  | Card Model                                   | Peripheral Device                |      |           | O.S. Environment | Status                   | Remark/Special Setting |          |
| Pocket LAN                 | D-Link Packet LAN DE-620CT (EPP function)    | On-board LPT port (Use EPP mode) |      |           | NetWare V3.12    | Pass                     |                        |          |
|                            | Xircom PE3-10BT (EPP function)               | On-board LPT port (Use EPP mode) |      |           | NetWare V3.12    | Pass                     |                        |          |
|                            | GVC Packet LAN (EPP function)                | On-board LPT port (Use EPP mode) |      |           | NetWare V3.12    | Pass                     |                        |          |
| <b>Tape Devices</b>        |  |                                  |      |           |                  |                          |                        |          |
| Type                       | Model  | O.S. Environment                 |      |           | Status           | Remark / Special Setting |                        |          |
| SCSI                       | Exabyte EXB2501                              | NetWare V4.11                    |      |           | Pass             |                          |                        |          |

### 5.3 Field (stress) Test for Networking Environment

|                       |   |                 |                 |
|-----------------------|---|-----------------|-----------------|
| <b>Test Type</b>      | <b>NetWare 3.12 Integrate Environment Test</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 64MB(SDRAM 64MB) + 512KB(Internal) + Buslogic BT950 + Quantum HN2275SW + ASUS PCI-V264VT + Cogent EM440TX<br>1 * Server (NetWare 3.12)<br>3 * Clients (DOS/Windows Requester)  |                 |                 |
| <b>Test Procedure</b> | Server: Accept network I/O from all clients, load DSK311 to add server load.<br>Clients: Run DTR (run all test) for actual I/O access between server and clients under DOS environment.   |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>20 Hours</b> |
| <b>Test Type</b>      | <b>NetWare 4.1 Integrate Environment Test</b>   |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-350 + 96MB(SDRAM 32MB * 3) + 512KB(Internal) + Adaptec AHA-2940UW + Seagate ST19101N + Teac CD-532S CD-ROM + ASUS AGP-V385GX2 + 3COM 3C509B-TP + Cogent EM960 + Cogent EM110TX<br>1 * Server (NetWare 4.1)<br>3 * Clients (DOS/Windows Requester)                                    |                 |                 |
| <b>Test Procedure</b> | Server: Accept network request continuously from all clients, run DTS to add server load itself.<br>Clients: Run DTR(all test) for actual access between server and clients.  |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>17 Hours</b> |
| <b>Test Type</b>      | <b>NetWare 4.11 Integrate Environment Test</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 128MB(SDRAM 32MB * 4) + 512KB(Internal) + On-board Adaptec AIC-7890AB + ASUS PCI-DA2100 + IBM DGHS-950W + Seagate ST19101W + Quantum HN4550SW + Sony CDU625 CD-ROM + ASUS PCI-V264VT + On-board Intel 82558<br>1 * Server (NetWare 4.11)<br>1 * Client (DOS/Windows Requester) |                 |                 |
| <b>Test Procedure</b> | Server: Accept network request continuously from client, run DTS to add server load itself.<br>Clients: Run DTR(all test) for actual access between server and clients.   |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>62 Hours</b> |

## 6. SCO UNIX Operating System Test

### 6.1 Software Compatibility Test

#### 6.1.1 Network Operating System Compatibility

| O.S. Name       | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller  |
|-----------------|---------|-----------|--------|--|
| SCO Open Server | R5.0.4  | SCO       | Pass   | DPT PM3334UW + Quantum HN4550SW * 2 + Seagate ST34371W + Pioneer DR-U24X CD-ROM + ASUS PCI-V775V2C + 3COM 3C905TX + Logitech First Mouse Super |

#### 6.1.2 Application Software Compatibility

| Network Benchmark             |         |            |                  |        |                                    |
|-------------------------------|---------|------------|------------------|--------|------------------------------------|
| Package Name                  | Version | Publisher  | O.S. Environment | Status | Features Tested                    |
| ServerBench for SCO UNIX R5.0 | V2.0    | Ziff-Davis | SCO UNIX R5.0.4  | Pass   | Run all mixes with ASUS PCI-AS300. |

## 6.2 Hardware Compatibility Test

| IDE Controller     |  |        |  |        |                  |        |
|--------------------|--|--------|--|--------|------------------|--------|
| Card Type          | Primary IDE  |        | Secondary IDE                                  |        | O.S. Environment | Status |
|                    | H.D.D./CD-ROM (Mode/Speed)                         | M/S    | H.D.D./CD-ROM (Mode/Speed)                     | M/S    |                  |        |
| On-board IDE (PCI) | WD AC23200 (DMA33)                                 | M      | ASUS CD-S340 (34X)<br>WD AC12100 (DMA33)       | M<br>S | SCO UNIX R5.0.4  | Pass   |
|                    | IBM DHEA-34330 (DMA33)<br>NEC CDR-1900 (32X)       | M<br>S | None   |        | SCO UNIX R5.0.4  | Pass   |
|                    | Quantum ST3240AT (DMA33)<br>Hitachi CDR-8430 (32X) | M<br>S | None   |        | SCO UNIX R5.0.4  | Pass   |
|                    | Seagate ST36451A (DMA33)                           | M      | Teac CD-532E (32X)<br>Seagate ST33232A (DMA33) | M<br>S | SCO UNIX R5.0.4  | Pass   |
|                    | Fujitsu MPB3064AT (DMA33)<br>Sony CDU611 (24X)     | M<br>S | Fujitsu MPB3043AT (DMA33)                      | M      | SCO UNIX R5.0.4  | Pass   |

| SCSI Disk Controllers |  |                   |                    |                  |        |
|-----------------------|--|-------------------|--------------------|------------------|--------|
| Card Type             | Card Model                             | H.D.D.            | CD-ROM             | O.S. Environment | Status |
| SCSI (ISA)            | Adaptec AHA-1542CF Rev.C (BIOS:V2.02)  | Fujitsu M2952SYU  | Sony CDU415        | SCO UNIX R5.0.4  | Pass   |
|                       | Adaptec AHA-1542CP Rev.B (BIOS:V1.02)  | Quantum TM3200S   | NEC CDR-1810A      | SCO UNIX R5.0.4  | Pass   |
| SCSI (PCI)            | On-board AIC-7890AB                    | Seagate ST34501W  | Toshiba XM-6201B   | SCO UNIX R5.0.4  | Pass   |
|                       | ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)    | WD WDE4360W       | Teac CD-532S       | SCO UNIX R5.0.4  | Pass   |
|                       | ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)    | Seagate ST32171N  | Panasonic CR-508-B | SCO UNIX R5.0.4  | Pass   |
|                       | ASUS PCI-SC860 Rev.1.2 (BIOS:V4.03.02) | Fujitsu M2954SYU  | Pioneer DR-U24X    | SCO UNIX R5.0.4  | Pass   |
|                       | ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)    | Quantum HN9100SW  | NEC CDR-1410A      | SCO UNIX R5.0.4  | Pass   |
|                       | Adaptec AHA-2940AU Rev.A (BIOS:V1.30)  | IBM DCAS-34330    | Teac CD-516S       | SCO UNIX R5.0.4  | Pass   |
|                       | Adaptec AHA-3940UW Rev.B (BIOS:V1.25)  | Seagate ST19101W  | Plextor PX-32TSi   | SCO UNIX R5.0.4  | Pass   |
|                       | AdvanSys ABP-930UA Rev.1 (BIOS:V2.8C)  | Micropolis 4345AV | Sony CDU415        | SCO UNIX R5.0.4  | Pass   |
|                       | AdvanSys ABP-940U Rev.A (BIOS:V2.6L)   | Quantum HN9100S   | Panasonic CR-508-B | SCO UNIX R5.0.4  | Pass   |
|                       | Buslogic BT932 Rev.Ab (BIOS:V1.41d)    | WD WDE4360        | NEC CDR-1810A      | SCO UNIX R5.0.4  | Pass   |
|                       | Buslogic BT950 Rev.C (BIOS:V1.41d)     | Seagate ST32171W  | Plextor PX-20TSi   | SCO UNIX R5.0.4  | Pass   |
|                       | DPT PM2144UW (BIOS:V003.DS)            | IBM DDRS-39130W   | Sony CDU625        | SCO UNIX R5.0.4  | Pass   |

| <b>SCSI Disk Controllers</b> |  |  |      |           |                    |                  |        |
|------------------------------|--|--|------|-----------|--------------------|------------------|--------|
| Card Type                    | Card Model                                 | H.D.D.                                   |      |           | CD-ROM             | O.S. Environment | Status |
| <b>SCSI (PCI)</b>            | <i>Initio INI-9100UW Rev.D (BIOS:1.02)</i> | Quantum VK4550SW                         |      |           | Toshiba XM-6201B   | SCO UNIX R5.0.4  | Pass   |
|                              | <i>Promise SCSIUltra Rev.B (BIOS:4.03)</i> | IBM DCAS-32160W                          |      |           | NEC CDR-1610A      | SCO UNIX R5.0.4  | Pass   |
| <b>RAID Controllers</b>      |  |  |      |           |                    |                  |        |
| Card Type                    | Card Model                                 | H.D.D.                                   |      |           | CD-ROM             | O.S. Environment | Status |
| <b>RAID Controller</b>       | <i>ASUS PCI-DA2100 Rev.4A(BIOS:V1.14D)</i> | Seagate ST32155W * 3                     |      |           | Panasonic CR-506-B | SCO UNIX R5.0.4  | Pass   |
|                              | <i>DPT PM3334UW (BIOS:V003.DS)</i>         | Quantum HN4550SW * 2<br>Seagate ST34371W |      |           | Pioneer DR-U24X    | SCO UNIX R5.0.4  | Pass   |
| <b>Ethernet Adapters</b>     |  |  |      |           |                    |                  |        |
| Card Type                    | Card Model                                 | Configurations:                          |      |           | O.S. Environment   | Status           | Remark |
|                              |  | IRQ                                      | Port | Addr. DMA |                    |                  |        |
| <b>Ethernet (ISA)</b>        | <i>3COM 3C509B-TP (Plug and Play)</i>      | 5  | 360  |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Novell NE2000Plus-3</i>                 | 5  | 300  |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>SMC 8013WC Rev.A</i>                    | 10                                       | 300  |           | SCO UNIX R5.0.4    | Pass             |        |
| <b>Ethernet (PCI)</b>        | <i>ASUS PCI-DEC10-TB+ Rev.B1</i>           | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>3COM 3C900 Rev.C</i>                    | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Accton EN1203 Rev.01C</i>               | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Cogent EM960</i>                        | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Proteon P1670-EA Rev.R01C</i>           | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>SMC 8432BT Rev.A</i>                    | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Thomas-Conrad TC5048 Rev.A</i>          | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
| <b>100BaseTx</b>             | <i>ASUS PCI-DEC100TX+ Rev.C5</i>           | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>ASUS PCI-L101 Rev. 1.03</i>             | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>3COM 3C595-TX Rev.B</i>                 | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>3COM 3C905-TX Rev.B</i>                 | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Accton EN1207 Rev.01</i>                | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Digital DE500XA</i>                     | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Intel PILA8465</i>                      | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>Intel PILA8465B</i>                     | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>SMC 9332DST</i>                         | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |
|                              | <i>On-board Intel 82558</i>                | Auto                                     | Auto |           | SCO UNIX R5.0.4    | Pass             |        |

### 6.3 Field (stress) Test for Networking Environment

|                       |   |                 |                 |
|-----------------------|---|-----------------|-----------------|
| <b>Test Type</b>      | <b>SCO UNIX OPEN SERVER R5.0.4</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-350 + 64MB(SDRAM 32MB * 2) + 512KB(Internal) + On-board IDE + Seagate ST36451A + Seagate ST33232A + Teac CD-532E CD-ROM + ASUS PCI-V775V2C + Accton EN1203 + Genius MouseOne           |                 |                 |
|                       | 1 * Server (SCO UNIX R5.0.4)<br>1 * Server (Solaris V2.51)  |                 |                 |
| <b>Test Procedure</b> | Server (SCO UNIX R5.0.4 ):Run multitasking, ping, telnet test.<br>Server (Solaris V2.51):Run ping, telnet test.   |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>14 Hours</b> |
| <b>Test Type</b>      | <b>SCO UNIX OPEN SERVER R5.0.4</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-350 + 96MB(SDRAM 32MB * 3) + 512KB(Internal) + ASUS PCI-SC200 + Seagate ST32171N + Panasonic CR-508-B CD-ROM + ASUS AGP-V264GT3 + On-board Intel SB82558B + Logitech First Mouse Super |                 |                 |
|                       | 1 * Server (SCO UNIX R5.0.4)<br>1 * Server (Solaris V2.51)  |                 |                 |
| <b>Test Procedure</b> | Server (SCO UNIX R5.0.4):Run multitasking, ping, telnet test.<br>Server (Solaris V2.51):Run ping, telnet test.  |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>15 Hours</b> |

## 7. SCO UnixWare Operating System Test

### 7.1 Software Compatibility Test

#### 7.1.1 Network Operating System Compatibility

| O.S. Name | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller  |
|-----------|---------|-----------|--------|--|
| UnixWare  | V2.1    | SCO       | Pass   | ASUS PCI-SC875 + Quantum HN2275SW + Panasonic CR-506-B CD-ROM + ASUS AGP-V264GT3 + HP NC/16TP + Logitech First Mouse Super |

#### 7.1.2 Application Software Compatibility

| Network Benchmark             |         |            |                  |        |                                    |
|-------------------------------|---------|------------|------------------|--------|------------------------------------|
| Package Name                  | Version | Publisher  | O.S. Environment | Status | Features Tested                    |
| ServerBench for UnixWare V2.X | V2.0    | Ziff-Davis | UnixWare V2.1    | Pass   | Run all mixes with ASUS PCI-AS300. |

## 7.2 Hardware Compatibility Test

| IDE Controller     |                            |     |  |                            |     |                  |        |
|--------------------|----------------------------|-----|--|----------------------------|-----|------------------|--------|
| Card Type          | Primary IDE                |     |  | Secondary IDE              |     | O.S. Environment | Status |
|                    | H.D.D./CD-ROM (Mode/Speed) | M/S |  | H.D.D./CD-ROM (Mode/Speed) | M/S |                  |        |
| On-board IDE (PCI) | WD AC34000 (4)             | M   |  | Philips PCA203CD (20X)     | M   | UnixWare V2.1    | Pass   |
|                    | Quantum TX4000AT (DMA33)   | M   |  | Panasonic CR-586-B (32X)   | M   | UnixWare V2.1    | Pass   |
|                    | Fujitsu MPB3043AT (DMA33)  | M   |  | Panasonic CR-584-B (12X)   | M   | UnixWare V2.1    | Pass   |
|                    | WD AC24300 (DMA33)         | M   |  | Hitachi CDR8430 (32X)      | M   | UnixWare V2.1    | Pass   |
|                    | Seagate ST32132A (4)       | M   |  | Philips PCA243CD (24X)     | M   | UnixWare V2.1    | Pass   |

| SCSI Disk Controllers |                                       |                                      |                    |                  |        |
|-----------------------|---------------------------------------|--------------------------------------|--------------------|------------------|--------|
| Card Type             | Card Model                            | H.D.D.                               | CD-ROM             | O.S. Environment | Status |
| SCSI (ISA)            | Adaptec AHA-1542CF Rev.C (BIOS:V2.02) | IBM DCAS34330                        | Plextor PX-32TSi   | UnixWare V2.1    | Pass   |
| SCSI (PCI)            | On-board AIC-7890AB                   | Seagate ST34371W                     | Plextor PX-20TSi   | UnixWare V2.1    | Pass   |
|                       | ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)   | Quantum TM3200S                      | NEC CDR-1410A      | UnixWare V2.1    | Pass   |
|                       | ASUS PCI-SC860 Rev.1.0 (BIOS:V4.03)   | Seagate ST19101W                     | NEC CDR-1410A      | UnixWare V2.1    | Pass   |
|                       | ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)   | Quantum HN2275SW                     | Panasonic CR-506-B | UnixWare V2.1    | Pass   |
|                       | Adaptec AHA-2940AU Rev.A (BIOS:V1.30) | Quantum TM2110S                      | Teac CD-516S       | UnixWare V2.1    | Pass   |
|                       | Adaptec AHA-3940UW Rev.A (BIOS:V1.25) | Quantum HN2275SW                     | Plextor PX-20TSi   | UnixWare V2.1    | Pass   |
|                       | ASUS PCI-DA2100                       | Quantum HN2275SW<br>Quantum HN9100SW | Pioneer DR-U24X    | UnixWare V2.1    | Pass   |
|                       | DPT PM2144UW (BIOS:V003.DS)           | Quantum HN9100SW                     | Pioneer DR-U24X    | UnixWare V2.1    | Pass   |

| Ethernet Adapters |                                |                 |            |     |                  |        |        |
|-------------------|--------------------------------|-----------------|------------|-----|------------------|--------|--------|
| Card Type         | Card Model                     | Configurations: |            |     | O.S. Environment | Status | Remark |
|                   |                                | IRQ             | Port Addr. | DMA |                  |        |        |
| Ethernet (ISA)    | 3COM 3C509B-TP (Plug and Play) | 5               | 360        |     | UnixWare V2.1    | Pass   |        |
|                   | Digital DE204                  | 5               | 300        |     | UnixWare V2.1    | Pass   |        |
|                   | HP NC/16TP                     | 5               | 300        | 7   | UnixWare V2.1    | Pass   |        |
|                   | Intel PCLA8205                 | 5               | 300        |     | UnixWare V2.1    | Pass   |        |
|                   | Novell NE2000Plus-3            | 5               | 300        |     | UnixWare V2.1    | Pass   |        |
|                   | SMC 8013WC Rev. A              | 10              | 300        |     | UnixWare V2.1    | Pass   |        |



| <b>Ethernet Adapters</b> |                            |                 |      |           |                  |        |        |
|--------------------------|----------------------------|-----------------|------|-----------|------------------|--------|--------|
| Card Type                | Card Model                 | Configurations: |      |           | O.S. Environment | Status | Remark |
|                          |                            | IRQ             | Port | Addr. DMA |                  |        |        |
| Ethernet (PCI)           | ASUS PCI-DEC10-TB+ Rev. B1 | Auto            | Auto |           | UnixWare V2.1    | Pass   |        |
|                          | 3COM 3C590C Rev. 14        | Auto            | Auto |           | UnixWare V2.1    | Pass   |        |
|                          | Compaq NETFLEX-3/P Rev. A  | Auto            | Auto |           | UnixWare V2.1    | Pass   |        |
|                          | Cogent EM960               | Auto            | Auto |           | UnixWare V2.1    | Pass   |        |
|                          | SMC 8432BT Rev. A          | Auto            | Auto |           | UnixWare V2.1    | Pass   |        |
| 100BaseTx                | 3Com 3C595TX Rev. B        | Auto            | Auto |           | UnixWare V2.1    | Pass   |        |
|                          | Intel PILA8465             | Auto            | Auto |           | UnixWare V2.1    | Pass   |        |

### 7.3 Field (stress) Test for Networking Environment

| Test Type      | UnixWare V2.1 test   |          |          |
|----------------|--|----------|----------|
| Configuration  | Intel Pentium II-350 + 64MB(SDRAM 64MB) + 512KB(Internal) + ASUS PCI-SC875 + Quantum HN2275SW + Panasonic CR-506-B CD-ROM + ASUS AGP-V264GT3 + HP NC/16TP + Logitech First Mouse Super |          |          |
|                | 1 * Server (UnixWare V2.1)<br>1 * Server (NT Server V4.0)  |          |          |
| Test Procedure | Server (UnixWare V2.1):Run Multi Tasks Test.<br>Server (NT Server V4.0):Run ping,telnet ....test.  |          |          |
| Result         | Pass   | Duration | 14 Hours |
| Test Type      | UnixWare V2.1 test   |          |          |
| Configuration  | Intel Pentium II-350 + 32MB(SDRAM 16MB * 2) + 512KB(Internal) + On-board IDE + WD AC34000 + Philips PCA203CD CD-ROM + ASUS 3DP-V375DX + Intel PILA8465 + Logitech First Mouse Super    |          |          |
|                | 1 * Server (UnixWare V2.1)<br>1 * Server (NT Server V4.0)  |          |          |
| Test Procedure | Server (UnixWare V2.1):Run Multi Tasks Test.<br>Server (NT Server V4.0):Run ping,telnet ....test.  |          |          |
| Result         | Pass   | Duration | 16 Hours |

## 8. Sunsoft Solaris Operating System Test

### 8.1 Software Compatibility Test

| O.S. Name                                | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller  |
|--|---------|-----------|--------|--|
| <b>Solaris</b>                           | V2.51   | Sunsoft   | Pass   | On-board IDE + IBM DHEA-36480 + IBM DCAA-34330 + Panasonic CR-585-B CD-ROM + ASUS AGP-V385GX2 + 3COM 3C905TX + Genius MouseOne |
| <b>Solaris<br/>(Chinese-Traditional)</b> | V2.51   | Sunsoft   | Pass   | AdvanSys ABP-940U + Quantum HN9100S + Panasonic CR-508-B CD-ROM + Leadtek Winfast S400 + Proteon P1670-EA + IBM PS/2 Mouse     |

### 8.2 Hardware Compatibility Test

| <b>IDE Controller</b>        |  |                     |  |  |  |        |
|------------------------------|--|---------------------|--|--|--|--------|
| Card Type                    | Primary IDE  |                     | Secondary IDE                                      |  | O.S. Environment                       | Status |
|                              | H.D.D./CD-ROM (Mode/Speed)                         | M/S                 | H.D.D./CD-ROM (Mode/Speed)                         | M/S                                    |  |        |
| <b>On-board IDE (PCI)</b>    | Fujitsu MPB3064AT (DMA33)                          | M                   | NEC CDR-1900A (32X)<br>Fujitsu MPB3043AT (DMA33)   | M<br>S                                 | Solaris V2.51                          | Pass   |
|                              | Maxtor 84320D5 (DMA33)<br>Sony CDU571 (16X)        | M<br>S              | None   |  | Solaris V2.51<br>(Chinese-Traditional) | Pass   |
|                              | Seagate ST36451A (DMA33)                           | M                   | Seagate ST33232A (DMA33)<br>Hitachi CDR-8430 (32X) | M<br>S                                 | Solaris V2.6                           | Pass   |
|                              | IBM DHEA-36480 (DMA33)<br>Panasonic CR-586-B (32X) | M<br>S              | IBM DCAA-34330 (4)                                 | M                                      | Solaris V2.51                          | Pass   |
|                              | Quantum SE4300AT (DMA33)                           | M                   | Teac CD-532E (32X)                                 | M                                      | Solaris V2.6                           | Pass   |
| <b>SCSI Disk Controllers</b> |  |                     |  |  |  |        |
| Card Type                    | Card Model   | H.D.D.              | CD-ROM   | O.S. Environment                       | Status                                 |        |
| <b>SCSI (ISA)</b>            | <b>Adaptec AHA-1542CF Rev.C (BIOS:V2.02)</b>       | WD WDE2170          | NEC CDR-1610A                                      | Solaris V2.6                           | Pass                                   |        |
| <b>SCSI (PCI)</b>            | <b>ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)</b>         | Seagate ST19101W    | Plextor PX-32TSi                                   | Solaris V2.6                           | Pass                                   |        |
|                              | <b>Adaptec AHA-2940AU Rev.A (BIOS:V1.30)</b>       | Quantum HN4550S     | Sony CDU625  | Solaris V2.6                           | Pass                                   |        |
|                              | <b>Adaptec AHA-2940UW Rev.B (BIOS:V1.25)</b>       | IBM DCAS-32160W     | Teac CD-532S                                       | Solaris V2.51                          | Pass                                   |        |
|                              | <b>Adaptec AHA-3940UW Rev.A (BIOS:V1.25)</b>       | IBM DCAS-34330W     | NEC CDR-1610A                                      | Solaris V2.6                           | Pass                                   |        |
|                              | <b>AdvanSys ABP-940U Rev.A (BIOS:V2.6L)</b>        | Quantum HN9100S     | Panasonic CR-508-B                                 | Solaris V2.51<br>(Chinese-Traditional) | Pass                                   |        |
|                              | <b>Buslogic BT932 Rev.AC (BIOS:V1.41d)</b>         | Fujitsu M2954SYU    | Pioneer DR-U24X                                    | Solaris V2.6                           | Pass                                   |        |
|                              | <b>Buslogic BT950 Rev.C (BIOS:V1.41d)</b>          | Quantum VK4550S     | NEC CDR-1810A                                      | Solaris V2.6                           | Pass                                   |        |
|                              | <b>DPT PM2144UW (BIOS:V003.DS)</b>                 | Seagate ST31055N    | NEC CDR-1410A                                      | Solaris V2.6                           | Pass                                   |        |
| <b>RAID Controllers</b>      |  |                     |  |  |  |        |
| Card Type                    | Card Model   | H.D.D.              | CD-ROM   | O.S. Environment                       | Status                                 |        |
| <b>RAID Controller</b>       | <b>DPT PM3334UW (BIOS:V003.DS)</b>                 | IBM DCAS-34330W * 2 | Panasonic CR-508-B                                 | Solaris V2.6                           | Pass                                   |        |

| <b>Ethernet Adapters</b> |                                   |                 |            |     |  |        |        |
|--------------------------|-----------------------------------|-----------------|------------|-----|--|--------|--------|
| Card Type                | Card Model                        | Configurations: |            |     | O.S. Environment                       | Status | Remark |
|                          |                                   | IRQ             | Port Addr. | DMA |  |        |        |
| Ethernet (ISA)           | 3COM 3C509B-TP<br>(Plug and Play) | 5               | 360        |     | Solaris V2.51                          | Pass   |        |
|                          | Intel PCLA8205                    | 5               | 340        |     | Solaris V2.51<br>(Chinese-Traditional) | Pass   |        |
| Ethernet (PCI)           | ASUS PCI-DEC10-TB+<br>Rev. B1     | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | 3Com 3C900<br>Rev.C               | Auto            | Auto       |     | Solaris V2.51                          | Pass   |        |
|                          | Accton EN1203<br>Rev. 01C         | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | Compaq NETFLEX-3/P<br>Rev.A       | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | Cogent EM960                      | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | Proteon P1670-EA                  | Auto            | Auto       |     | Solaris V2.51<br>(Chinese-Traditional) | Pass   |        |
|                          | SMC 8432BT<br>Rev. A              | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
| 100BaseTx                | ASUS PCI-DEC100TX+                | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | ASUS PCI-L101<br>Rev. 1.03        | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | 3Com 3C595TX<br>Rev.B             | Auto            | Auto       |     | Solaris V2.51                          | Pass   |        |
|                          | 3Com 3C905TX<br>Rev.B             | Auto            | Auto       |     | Solaris V2.51                          | Pass   |        |
|                          | Accton EN1207<br>Rev.01           | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | Cogent EM110TX                    | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | Digital DE500XA                   | Auto            | Auto       |     | Solaris V2.51<br>(Chinese-Traditional) | Pass   |        |
|                          | Intel PILA8465                    | Auto            | Auto       |     | Solaris V2.51                          | Pass   |        |
|                          | Intel PILA8465B                   | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | On-board Intel 82558              | Auto            | Auto       |     | Solaris V2.6                           | Pass   |        |
|                          | SMC 9332DST                       | Auto            | Auto       |     | Solaris V2.51                          | Pass   |        |

### 8.3 Field (stress) Test for Networking Environment

| Test Type      | Solaris V2.51 test  |          |          |
|----------------|---|----------|----------|
| Configuration  | Intel Pentium II-400 + 64MB(SDRAM 64MB) + 512KB(Internal) + On-board IDE + IBM DHEA-36480 + IBM DCAA-34330 + Panasonic CR-586-B CD-ROM + ASUS AGP-V385GX2 + 3COM 3C905TX + Genius MouseOne    |          |          |
|                | 1 * Server (Solaris V2.51)<br>1 * Server (Solaris V2.51)  |          |          |
| Test Procedure | Server (Solaris V2.51):Run Multi Tasks Test.<br>Server (Solaris V2.51):Run ping,telnet ....test.  |          |          |
| Result         | Pass  | Duration | 13 Hours |
| Test Type      | Solaris V2.6 test   |          |          |
| Configuration  | Intel Pentium II-350 + 128MB(SDRAM 32MB * 4) + 512KB(Internal) + On-board IDE + Quantum SE4300AT + Teac CD-532E CD-ROM + ASUS AGP-V385GX2 + On-board Intel 82558 + Logitech First Mouse Super |          |          |
|                | 1 * Server (Solaris V2.6)<br>1 * Server (Solaris V2.51)   |          |          |
| Test Procedure | Server (Solaris V2.6):Run Multi Tasks Test.<br>Server (Solaris V2.51):Run ping,telnet ....test.   |          |          |
| Result         | Pass  | Duration | 67 Hours |

|                       |  |                 |                 |
|-----------------------|--|-----------------|-----------------|
| <b>Test Type</b>      | <b>Solaris V26 with HCT V3.19</b>  |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 64MB(SDRAM 32MB * 2) + 512KB(Internal) + ASUS PCI-AS300 + Seagate ST19101W + Plextor PX-32TSi CD-ROM + ASUS AGP-V264GT3 + On-board Intel 82558 + Logitech First Mouse Super |                 |                 |
|                       | 1 * Server (Solaris V2.6)<br>1 * Server (Solaris V2.51)  |                 |                 |
| <b>Test Procedure</b> | Server (Solaris V2.6 with HCT V3.19):Run Certification Test: Disk, Floppy, System Memory, Keyboard, Mouse, CD-ROM, Network, Video.<br>Server (Solaris V2.51): Network test from Solaris.           |                 |                 |
| <b>Result</b>         | <b>Pass</b>  | <b>Duration</b> | <b>15 Hours</b> |

## 9. Next OpenStep Operating System Test

### 9.1 Software Compatibility Test

| O.S. Name | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller  |
|-----------|---------|-----------|--------|--|
| OpenStep  | R4.0    | Next      | Pass   | On-board IDE + WD AC22500 + BTC BCD24XM CD-ROM + ASUS AGP-V3000 + Accton EN1203 + Logitech First Mouse Super |

### 9.2 Hardware Compatibility Test

| <b>IDE Controller</b>    |                            |     |      |                            |               |                  |        |
|--------------------------|----------------------------|-----|------|----------------------------|---------------|------------------|--------|
| Card Type                | Primary IDE                |     |      | Secondary IDE              |               | O.S. Environment | Status |
|                          | H.D.D./CD-ROM (Mode/Speed) | M/S |      | H.D.D./CD-ROM (Mode/Speed) | M/S           |                  |        |
| On-board IDE (PCI)       | Fujitsu MPB3064AT (DMA33)  | M   |      | None                       |               | OpenStep R4.0    | Pass   |
|                          | Panasonic CR-586-B (32X)   | S   |      |                            |               |                  |        |
|                          | IBM DAQA-32160 (4)         | M   |      | None                       |               | OpenStep R4.0    | Pass   |
|                          | Sony CDU711 (32X)          | S   |      |                            |               |                  |        |
|                          | Maxtor 88400D8 (DMA33)     | M   |      | None                       |               | OpenStep R4.0    | Pass   |
|                          | DCS C706A (16X)            | S   |      |                            |               |                  |        |
|                          | Samsung VG33402A (DMA33)   | M   |      | None                       |               | OpenStep R4.0    | Pass   |
|                          | DCS C706A (16X)            | S   |      |                            |               |                  |        |
|                          | Seagate ST32531A (4)       | M   |      | None                       |               | OpenStep R4.0    | Pass   |
| ASUS CD-S340 (34X)       | S                          |     |      |                            |               |                  |        |
| Seagate ST36450A (4)     | M                          |     | None |                            | OpenStep R4.0 | Pass             |        |
| Pioneer DR-A04S (32X)    | S                          |     |      |                            |               |                  |        |
| Quantum TX8000AT (DMA33) | M                          |     | None |                            | OpenStep R4.0 | Pass             |        |
| ASUS CD-S340 (34X)       | S                          |     |      |                            |               |                  |        |
| WD AC22500 (4)           | M                          |     | None |                            | OpenStep R4.0 | Pass             |        |
| BTC BCD24XM (24X)        | S                          |     |      |                            |               |                  |        |

| <b>SCSI Disk Controllers</b> |                                       |                   |                    |                  |        |
|------------------------------|---------------------------------------|-------------------|--------------------|------------------|--------|
| Card Type                    | Card Model                            | H.D.D.            | CD-ROM             | O.S. Environment | Status |
| SCSI (ISA)                   | Adaptec AHA-1542CP Rev.B (BIOS:V1.02) | Fujitsu M2954SYU  | NEC CDR-1610A      | OpenStep R4.0    | Pass   |
| SCSI (PCI)                   | ASUS PCI-AS300 Rev. 1.0 (BIOS:V1.24)  | Seagate ST31055N  | Plextor PX-32TSi   | OpenStep R4.0    | Pass   |
|                              | ASUS PCI-SC200 Rev. 1.2 (BIOS:V4.03)  | IBM DCAS-34330    | Teac CD-532S       | OpenStep R4.0    | Pass   |
|                              | Adaptec AHA-2940AU Rev.A (BIOS:V1.30) | Micropolis 4341NS | Sony CDU415        | OpenStep R4.0    | Pass   |
|                              | Adaptec AHA-2940UW Rev.C (BIOS:V1.25) | WD WDE4360W       | NEC CDR-1410A      | OpenStep R4.0    | Pass   |
|                              | Buslogic BT930 Rev.A (BIOS:V1.41d)    | Fujitsu M2952SYU  | Plextor PX-20TSi   | OpenStep R4.0    | Pass   |
|                              | DPT PM2144UW (BIOS:V003.DS)           | WD WDE4360        | Panasonic CR-506-B | OpenStep R4.0    | Pass   |

| <b>Ethernet Adapters</b> |                                |                 |      |           |                  |        |        |
|--------------------------|--------------------------------|-----------------|------|-----------|------------------|--------|--------|
| Card Type                | Card Model                     | Configurations: |      |           | O.S. Environment | Status | Remark |
|                          |                                | IRQ             | Port | Addr. DMA |                  |        |        |
| Ethernet (ISA)           | 3COM 3C509B-TP (Plug and Play) | 5               | 360  |           | OpenStep R4.0    | Pass   |        |
| Ethernet (PCI)           | Cogent EM960                   | Auto            | Auto |           | OpenStep R4.0    | Pass   |        |
|                          | Digital DE450AC Rev.A01        | Auto            | Auto |           | OpenStep R4.0    | Pass   |        |
|                          | IBM PCI Ethernet Rev.B2        | Auto            | Auto |           | OpenStep R4.0    | Pass   |        |
|                          | Proteon P1670-EA               | Auto            | Auto |           | OpenStep R4.0    | Pass   |        |
|                          | Thomas-Conrad TC5048 Rev.A     | Auto            | Auto |           | OpenStep R4.0    | Pass   |        |

| <b>Ethernet Adapters</b> |                |                 |            |     |                  |        |        |
|--------------------------|----------------|-----------------|------------|-----|------------------|--------|--------|
| Card Type                | Card Model     | Configurations: |            |     | O.S. Environment | Status | Remark |
|                          |                | IRQ             | Port Addr. | DMA |                  |        |        |
| 100BaseTx                | Intel P1A8465  | Auto            | Auto       |     | OpenStep R4.0    | Pass   |        |
|                          | Intel P1A8465B | Auto            | Auto       |     | OpenStep R4.0    | Pass   |        |
|                          | SMC 9332DST    | Auto            | Auto       |     | OpenStep R4.0    | Pass   |        |

### 9.3 Field (stress) Test for Networking Environment

|                       |  |                 |                 |
|-----------------------|--|-----------------|-----------------|
| <b>Test Type</b>      | <b>OpenStep R4.0</b>   |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-350 + 160MB (SDRAM 64MB * 1 + 32MB * 3 ) + 512KB (Internal) + ASUS PCI-SC200 + IBM DCAS-34330 + Teac CD-532S CD-ROM + ASUS AGP-V3000 + Intel P1A8465 + Logitech First Mouse Super       |                 |                 |
|                       | 1 * Server (OpenStep R4.0)<br>1 * Server (OS/2 WARP Server V4.0)   |                 |                 |
| <b>Test Procedure</b> | Server (OpenStep R4.0):Run Multi Tasks Test.<br>Server (OS/2 WARP Server V4.0)Run ping, telnet ....test.   |                 |                 |
| <b>Result</b>         | <b>Pass</b>  | <b>Duration</b> | <b>12 Hours</b> |
| <b>Test Type</b>      | <b>OpenStep R4.0</b>   |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 160MB (SDRAM 64MB * 1 + 32MB * 3 ) + 512KB (Internal) + On-board IDE + Seagate ST32531A + ASUS CD-S340 CD-ROM + ASUS 3DP-V375DX + ASUS PCI-DEC10-TB+ + Logitech First Mouse Super |                 |                 |
|                       | 1 * Server (OpenStep R4.0)<br>1 * Server (Linux V3.2.0)  |                 |                 |
| <b>Test Procedure</b> | Server (OpenStep R4.0):Run Multi Tasks Test.<br>Server (Linux V3.2.0)Run ping, telnet ....test.  |                 |                 |
| <b>Result</b>         | <b>Pass</b>  | <b>Duration</b> | <b>13 Hours</b> |

## 10. Linux Operating System Test

### 10.1 Software Compatibility Test

| O.S. Name   | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller   |
|-------------|---------|-----------|--------|---|
| Linux       | V3.2.0  | Slackware | Pass   | Adaptec AHA-2940AU + IBM DCAS-34330 + Panasonic CR-508-B CD-ROM + ASUS AGP-V385GX2 + ASUS PCI-DEC10-TB+   |
| Linux       | V3.4.0  | Slackware | Pass   | On-board IDE + IBM DHEA-36480 + Panasonic CR-586-B CD-ROM + ASUS AGP-V385GX2 + Intel PCLA8200             |
| Turbo Linux | V4.2    | RedHat    | Pass   | On-board IDE + Maxtor 82560D3 + Acer 632A CD-ROM + ASUS PCI-V264VT + Cogent EM960                         |
| Turbo Linux | V5.0    | RedHat    | Pass   | AdvanSys ABP-930UA + Seagate ST34501N + Plextor PX-20TSi CD-ROM + ASUS AGP-V385GX2 + On-board Intel 82558 |

### 10.2 Hardware Compatibility Test

| IDE Controller     |                            |     |  |                            |     |                  |        |
|--------------------|----------------------------|-----|--|----------------------------|-----|------------------|--------|
| Card Type          | Primary IDE                |     |  | Secondary IDE              |     | O.S. Environment | Status |
|                    | H.D.D./CD-ROM (Mode/Speed) | M/S |  | H.D.D./CD-ROM (Mode/Speed) | M/S |                  |        |
| On-board IDE (PCI) | Fujitsu MPB3023AT (DMA33)  | M   |  | None                       |     | Turbo Linux V4.2 | Pass   |
|                    | Pioneer DR-A04S (32X)      | S   |  |                            |     |                  |        |
|                    | IBM DHEA-36480 (DMA33)     | M   |  | Panasonic CR-586-B (32X)   | M   | Linux V3.4.0     | Pass   |
|                    | Samsung VG33402A (DMA33)   | M   |  | ASUS CD-S340 (34X)         | M   | Linux V3.2.0     | Pass   |
|                    | Seagate ST32122A (4)       | M   |  | Philips PCA243CD (24X)     | M   | Linux V3.4.0     | Pass   |
|                    | Maxtor 82560D3 (DMA33)     | M   |  | Acer 632A (32X)            | M   | Turbo Linux V4.2 | Pass   |

| SCSI Disk Controllers |   |                  |                    |                  |        |
|-----------------------|---|------------------|--------------------|------------------|--------|
| Card Type             | Card Model                              | H.D.D.           | CD-ROM             | O.S. Environment | Status |
| SCSI (ISA)            | Adaptec AHA-1542CF Rev. C (BIOS: V2.02) | Seagate ST34371N | Plextor PX-20TSi   | Linux V3.4.0     | Pass   |
|                       | Adaptec AHA-1542CP Rev. B (BIOS: V1.02) | Fujitsu M2952SYU | Sony CDU415        | Turbo Linux V4.2 | Pass   |
| SCSI (PCI)            | ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)     | Seagate ST52160N | Sony CDU415        | Turbo Linux V5.0 | Pass   |
|                       | Adaptec AHA-2940AU Rev.F (BIOS:V1.30)   | IBM DCAS-34330   | Panasonic CR-508-B | Linux V3.2.0     | Pass   |
|                       | Adaptec AHA-2940UW Rev.C (BIOS:V1.25)   | NEC DSE2550S     | NEC CDR-1810A      | Turbo Linux V4.2 | Pass   |
|                       | Adaptec AHA-3940UW Rev.B (BIOS:V1.25)   | WD WDE4360W      | Plextor PX-20TSi   | Linux V3.4.0     | Pass   |
|                       | AdvanSys ABP-930UA Rev.E (BIOS:V2.81d)  | Seagate ST34501N | Plextor PX-20TSi   | Turbo Linux V5.0 | Pass   |
|                       | Buslogic BT930 Rev.E (BIOS:V1.41d)      | Seagate ST34371N | Sony CDU625        | Turbo Linux V5.0 | Pass   |
|                       | Buslogic BT948C Rev.Ab (BIOS:V4.96F)    | Fujitsu M2952SYU | NEC CDR-1610A      | Linux V3.2.0     | Pass   |
|                       | Buslogic BT950C Rev.A (BIOS:V1.41d)     | Quantum HN2275SW | Teac CD-532S       | Turbo Linux V5.0 | Pass   |

| Ethernet Adapters |                                |                 |            |     |                  |        |        |
|-------------------|--------------------------------|-----------------|------------|-----|------------------|--------|--------|
| Card Type         | Card Model                     | Configurations: |            |     | O.S. Environment | Status | Remark |
|                   |                                | IRQ             | Port Addr. | DMA |                  |        |        |
| Ethernet (ISA)    | 3COM 3C509B-TP (Plug and Play) | 5               | 360        |     | Linux V3.4.0     | Pass   |        |
|                   | HP NC/16TP Rev. D              | 5               | 300        | 7   | Linux V3.4.0     | Pass   |        |
|                   | Intel PCLA8200                 | 5               | 360        |     | Linux V3.4.0     | Pass   |        |
|                   | Intel PCLA8205                 | 10              | 340        |     | Linux V3.2.0     | Pass   |        |
|                   | Novell NE2000Plus-3            | 5               | 300        |     | Linux V3.4.0     | Pass   |        |
|                   | SMC 8013WC Rev. A              | 10              | 300        |     | Linux V3.2.0     | Pass   |        |

| <b>Ethernet Adapters</b> |                             |                 |            |     |                  |        |        |
|--------------------------|-----------------------------|-----------------|------------|-----|------------------|--------|--------|
| Card Type                | Card Model                  | Configurations: |            |     | O.S. Environment | Status | Remark |
|                          |                             | IRQ             | Port Addr. | DMA |                  |        |        |
| Ethernet (PCI)           | ASUS PCI-DEC10-TB+ Rev. B1  | Auto            | Auto       |     | Linux V3.2.0     | Pass   |        |
|                          | Accton EN1203 Rev. 01C      | Auto            | Auto       |     | Turbo Linux V4.2 | Pass   |        |
|                          | Accton EN1208 Rev. 01A      | Auto            | Auto       |     | Turbo Linux V4.2 | Pass   |        |
|                          | Cogent EM960                | Auto            | Auto       |     | Turbo Linux V4.2 | Pass   |        |
|                          | Digital DE450AC Rev. A01    | Auto            | Auto       |     | Turbo Linux V5.0 | Pass   |        |
|                          | IBM PCI Ethernet Rev. B2    | Auto            | Auto       |     | Turbo Linux V5.0 | Pass   |        |
|                          | Proteon P1670-EA            | Auto            | Auto       |     | Linux V3.4.0     | Pass   |        |
|                          | On-board Intel 82558        | Auto            | Auto       |     | Turbo Linux V5.0 | Pass   |        |
|                          | SMC 8432BT Rev. A           | Auto            | Auto       |     | Turbo Linux V5.0 | Pass   |        |
|                          | Thomas-Conrad TC5048 Rev. A | Auto            | Auto       |     | Linux V3.4.0     | Pass   |        |

### 10.3 Field (stress) Test for Networking Environment

|                       |   |                 |                 |
|-----------------------|---|-----------------|-----------------|
| <b>Test Type</b>      | <b>Linux V3.4.0</b>   |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-350 + 64MB(SDRAM 32MB * 2) + 512KB(Internal) + On-board IDE + IBM DHEA-36480 + Panasonic CR-586-B CD-ROM + ASUS AGP-V385GX2 + Intel PCLA8200<br>1 * Server (Linux V3.4.0)<br>1 * Server (Linux V3.2.0)             |                 |                 |
| <b>Test Procedure</b> | Server (Linux V3.4.0):Run multiple tasks, include NFS test for access via network<br>Server (Linux V3.2.0):Run multiple tasks, include NFS test for access via network  |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>13 Hours</b> |
| <b>Test Type</b>      | <b>Turbo Linux V5.0</b>   |                 |                 |
| <b>Configuration</b>  | Intel Pentium II-400 + 64MB(SDRAM 64MB) + 512KB(Internal) + AdvanSys ABP-930UA + Seagate ST34501N + Plextor PX-20TSi CD-ROM + ASUS AGP-V385GX2 + On-board Intel 82558<br>1 * Server (Turbo Linux V5.0)<br>1 * Server (Linux V3.2.0) |                 |                 |
| <b>Test Procedure</b> | Server (Turbo Linux V5.0):Run multiple tasks, include NFS test for access via network<br>Server (Linux V3.2.0):Run multiple tasks, include NFS test for access via network  |                 |                 |
| <b>Result</b>         | <b>Pass</b>   | <b>Duration</b> | <b>15 Hours</b> |



## 11. Banyan Vines Operating System Test

### 11.1 Software Compatibility Test

| O.S. Name | Version | Publisher | Status | Hardware Configuration / Hard Disk & Controller  |
|-----------|---------|-----------|--------|--|
| Vines     | V7.0    | Banyan    | Pass   | ASUS PCI-SC200 + Seagate ST32171N + Panasonic CR-508-B CD-ROM + ASUS AGP-V264GT3 + Novell NE2000Plus-3 |

### 11.2 Hardware Compatibility Test

| IDE Controller     |                          |     |                                      |  |                  |        |
|--------------------|--------------------------|-----|--------------------------------------|--|------------------|--------|
| Card Type          | IDE H.D.D (Mode)         | M/S | SCSI Controller & CR-ROM             |  | O.S. Environment | Status |
| On-board IDE (PCI) | WD AC24300 (DMA33)       | M   | ASUS PCI-SC200<br>Panasonic CR-508-B |  | Vines V7.0       | Pass   |
|                    | Seagate ST34342A (DMA33) | M   | AHA-1542CF<br>NEC CDR-1610A          |  | Vines V7.0       | Pass   |
|                    | IBM DHEA-36480 (DMA33)   | M   | DPT PM2144UW<br>Plextor PX-20TSi     |  | Vines V7.0       | Pass   |
|                    | Quantum SE2100AT (DMA33) | M   | DPT PM2144UW<br>Plextor PX-20TSi     |  | Vines V7.0       | Pass   |
|                    | Maxtor 82560D3 (DMA33)   | M   | Promise SCSIMAX<br>Teac CD-532S      |  | Vines V7.0       | Pass   |

| SCSI Disk Controllers |  |                  |                    |                  |        |
|-----------------------|--|------------------|--------------------|------------------|--------|
| Card Type             | Card Model                               | H.D.D.           | CD-ROM             | O.S. Environment | Status |
| SCSI (ISA)            | Adaptec AHA-1542CF<br>Rev.C (BIOS:V2.02) | IBM DCAS-34330   | NEC CDR-1610A      | Vines V7.0       | Pass   |
| SCSI (PCI)            | ASUS PCI-SC200<br>Rev.1.2 (BIOS:V4.03)   | Seagate ST32171N | Panasonic CR-508-B | Vines V7.0       | Pass   |
|                       | DPT PM2144UW<br>(BIOS:V003.DS)           | Seagate ST34501N | Plextor PX-20TSi   | Vines V7.0       | Pass   |
|                       | Promise SCSIMAX<br>Rev.B (BIOS:V3.07)    | Quantum HN4550S  | Teac CD-532S       | Vines V7.0       | Pass   |

| Ethernet Adapters |                                   |                                       |     |  |                  |        |        |
|-------------------|-----------------------------------|---------------------------------------|-----|--|------------------|--------|--------|
| Card Type         | Card Model                        | Configurations:<br>IRQ Port Addr. DMA |     |  | O.S. Environment | Status | Remark |
| Ethernet (ISA)    | 3COM 3C509B-TP<br>(Plug and Play) | 5                                     | 360 |  | Vines V7.0       | Pass   |        |
|                   | Novell NE2000Plus-3               | 5                                     | 300 |  | Vines V7.0       | Pass   |        |
|                   | SMC 8013WC<br>Rev. A              | 10                                    | 300 |  | Vines V7.0       | Pass   |        |

### 11.3 Field (stress) Test for Networking Environment

| Test Type      | Vines V7.0  |          |          |
|----------------|---|----------|----------|
| Configuration  | Intel Pentium II-400 + 96MB(SDRAM 32MB * 3) + 512KB(Internal) + DPT PM2144UW + Seagate ST34501N + Plextor PX-20TSi CD-ROM + ASUS AGP-V385GX2 + 3COM 3C509B-TP |          |          |
|                | 1 * Server (Vines V7.0)<br>1 * Client (MS-DOS 6.22)   |          |          |
| Test Procedure | Server (Vines V7.0):Run network monitoring.<br>Client (MS-DOS 6.22):Run copy file, compare file ....test.   |          |          |
| Result         | Pass  | Duration | 62 Hours |



## PART C. RELIABILITY ENVIRONMENT TEST

### 1. Power Consumption Test

#### 1.1 Test Configuration

- P2B-LS with Intel Pentium II-350 / 333 MHz CPU with fan
- DRAM 32MB(EDO 32 MB ) , Cache 512KB(Internal)
- On-board IDE controller
- NEC FD1231H 3.5 inch 1.44 MB floppy drive
- IBM DPEA-31080 3.5 inch 1080 MB hard drive
- ASUS PCI-V775V2C PCI VGA card with 1 MB DRAM
- ASTEC SA147-3505 145W ATX power supply
- Addonics 172CR 17 inch green monitor

#### 1.2 Test Result

| ITEM                           |                             |                             |             |
|--------------------------------|-----------------------------|-----------------------------|-------------|
| <b>1. System Only</b>          | <b>Intel Pentium II-333</b> | <b>Intel Pentium II-350</b> | <b>UNIT</b> |
| <i>Full mode</i>               | 45.4                        | 46.0                        | Watts       |
| <i>Suspend mode</i>            | 30.7                        | 30.9                        | Watts       |
| <b>2. System &amp; Monitor</b> |                             |                             |             |
| <i>Full mode</i>               | 122.7                       | 123.8                       | Watts       |
| <i>Suspend mode</i>            | 32.4                        | 32.8                        | Watts       |

## 2. Temperature / Humidity

### 2.1 Test Configuration

- P2B-LS with Intel Pentium II-350 MHz CPU with fan
- DRAM 32MB(EDO 32 MB ), Cache 512KB(Internal)
- On-board IDE
- NEC FD1231H 3.5 inch 1.44 MB floppy drive
- IBM DPEA-31080 3.5 inch 1080 MB hard drive
- ASUS PCI-V775V2C PCI VGA card with 1 MB DRAM
- ASTEC SA147-3505 145W ATX power supply
- TECO TE-9516S 14 inch color monitor

### 2.2 Emulate Environment Range

Temperature: 10°C~50°C

Humidity: 20%~85%

### 2.3 Test Program

Running multi-tasking test programs under SCO OpenServer R5.04

### 2.4 Test Result

| <b>Step</b> | <b>Temperature<br/>(°C)</b> | <b>Relative Humidity<br/>(%)</b> | <b>Time<br/>(Hour:Minutes)</b> | <b>Status</b> |
|-------------|-----------------------------|----------------------------------|--------------------------------|---------------|
| 1           | 10                          | 20                               | 00:30                          | Pass          |
| 2           | 10                          | 20                               | 20:00                          | Pass          |
| 3           | 50                          | 20                               | 00:30                          | Pass          |
| 4           | 50                          | 85                               | 08:00                          | Pass          |
| 5           | 50                          | 85                               | 12:00                          | Pass          |
| 6           | 25                          | 35                               | 00:30                          | Pass          |

### 3. Thermal Measurement

Please see Thermal Curve **Figure** which shows all the thermal curves from different measuring points, when the machine was warmed up and the temperature became stable, all functions are working perfectly during the test.

#### 3.1 Test Configuration

- P2B-LS with Intel Pentium II-350 MHz CPU with fan
- DRAM 32MB(EDO 32 MB ) , Cache 512KB(Internal)
- On-board IDE controller
- NEC FD1231H 3.5 inch 1.44 MB floppy drive
- IBM DPEA-31080 3.5 inch 1080 MB hard drive
- ASUS PCI-V775V2C PCI VGA card with 1 MB DRAM
- ASTEC SA147-3505 145W ATX power supply
- TECO TE-9516S 14 inch color monitor

#### 3.2 Emulate Environment Range

Temperature:35 °C  
Relative humidity:80%

#### 3.3 Test program

Running multi-tasking test programs under SCO OpenServer R5.0.4

#### 3.4 Testing Result

| <b>Channel No.</b> | <b>Step Channel</b>          | <b>Temperature(°C)</b> |
|--------------------|------------------------------|------------------------|
| CH1-1 (TP1)        | Ambient temperature          | 44.0                   |
| CH1-2 (TP2)        | Intel Pentium II 350 MHz CPU | 57.9                   |
| CH1-3 (TP3)        | Intel FW82443BX              | 79.4                   |
| CH1-4 (TP4)        | ICS 9150AF-08                | 78.7                   |
| CH1-5 (TP5)        | Regulator F45N03L (Q9)       | 50.9                   |
| CH1-6 (TP6)        | Regulator PBYR 1035B (Q6)    | 52.1                   |
| CH1-7 (TP7)        | ASUS AS97127F (U27)          | 46.9                   |
| CH1-8 (TP8)        | Intel FW82371EB (U26)        | 52.1                   |
| CH1-9 (TP9)        | adaptec AIC-7890AB           | 67.7                   |
| CH1-10 (TP10)      | adaptec AIC-3860AB           | 64.7                   |
| CH1-11 (TP11)      | Regulator NEC K2941 (Q4)     | 55.6                   |
| CH1-12 (TP12)      | Regulator F45N03L (Q5)       | 57.6                   |
| CH1-13 (TP13)      | Intel SB82558B               | 69.1                   |
| CH1-14 (TP14)      | Winbond W83977TF-AW          | 47.5                   |
| CH1-15 (TP15)      | DIMM                         | 44.7                   |

## 4. DC Margin Test

### 4.1 Test Configuration

- P2B-LS with Intel Pentium II-350 MHz CPU with fan
- DRAM 32MB(EDO 32 MB ) , Cache 512KB(Internal)
- On-board IDE controller
- NEC FD1231H 3.5 inch 1.44 MB floppy drive
- IBM DPEA-31080 3.5 inch 1080 MB hard drive
- ASUS PCI-V775V2C PCI VGA card with 1 MB DRAM
- Seventeam ST-200HRK 200W ATX power supply
- Addonics 172CR 17 inch green monitor

### 4.2 Test Program

Running for ten times disk boot at Unix and Windows environment, then put the system under Windows environment to run ASUS QC at over night testing which system without any malfunction.

### 4.3 Test Result

| <i>Item</i> | <i>Test Condition (48 hours)</i> |            | <i>Result</i> |
|-------------|----------------------------------|------------|---------------|
| 1           | +5 V +5 %                        | +12V +5 %  | Pass          |
| 2           | +5 V +5 %                        | +12V - 4 % | Pass          |
| 3           | +5 V - 4 %                       | +12V +5 %  | Pass          |
| 4           | +5 V - 4 %                       | +12V - 4 % | Pass          |

## 5. Power On Off Test

### 5.1 Test Configuration

- P2B-LS with Intel Pentium II-350 MHz CPU with fan
- DRAM 32MB(EDO 32 MB ) , Cache 512KB(Internal)
- On-board IDE controller
- NEC FD1231H 3.5 inch 1.44 MB floppy drive
- IBM DPEA-31080 3.5 inch 1080 MB hard drive
- ASUS PCI-V775V2C PCI VGA card with 1 MB DRAM
- Series power supply
- Addonics 172CR 17 inch green monitor

### 5.2 Instrument

ASUSTeK power on/off tester

### 5.3 Test Specification

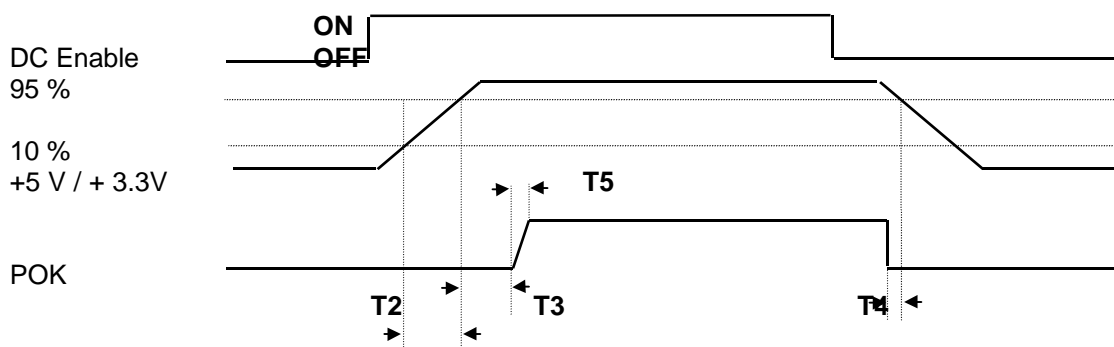
To follow ATX switching power supply standard power on off sequence

$2\text{ ms} < T2 < 20\text{ ms}$

$100\text{ ms} < T3 < 2000\text{ ms}$

$T4 > 1\text{ms}$

$T5 < 10\text{ ms}$



### 5.4 Test Result

| Power On / Off<br>Test Times | Manual System Power On Self Test |           | Remark        |
|------------------------------|----------------------------------|-----------|---------------|
|                              | Power On                         | Power Off |               |
| 10 Times                     | Pass                             | Pass      | 7 pcs ATX SPS |
| 20 Times                     | Pass                             | Pass      | 7 pcs ATX SPS |
| 30 Times                     | Pass                             | Pass      | 7 pcs ATX SPS |
| 40 Times                     | Pass                             | Pass      | 7 pcs ATX SPS |
| 50 Times                     | Pass                             | Pass      | 7 pcs ATX SPS |

| <b>Power On / Off<br/>Test Times</b> | <b>Warm Boot Power On Self Test</b> |                  | <b>Remark</b> |
|--------------------------------------|-------------------------------------|------------------|---------------|
|                                      | <b>Power On</b>                     | <b>Power Off</b> |               |
| 10 Times                             | Pass                                | Pass             | 7 pcs ATX SPS |
| 20 Times                             | Pass                                | Pass             | 7 pcs ATX SPS |
| 30 Times                             | Pass                                | Pass             | 7 pcs ATX SPS |
| 40 Times                             | Pass                                | Pass             | 7 pcs ATX SPS |
| 50 Times                             | Pass                                | Pass             | 7 pcs ATX SPS |

| <b>Power On / Off<br/>Test Times</b> | <b>Auto System Power On Self Test</b> |                  | <b>Remark</b> |
|--------------------------------------|---------------------------------------|------------------|---------------|
|                                      | <b>Power On</b>                       | <b>Power Off</b> |               |
| 10 Times                             | Pass                                  | Pass             | 7 pcs ATX SPS |
| 20 Times                             | Pass                                  | Pass             | 7 pcs ATX SPS |
| 30 Times                             | Pass                                  | Pass             | 7 pcs ATX SPS |
| 40 Times                             | Pass                                  | Pass             | 7 pcs ATX SPS |
| 50 Times                             | Pass                                  | Pass             | 7 pcs ATX SPS |



