

ASUSPRO 7000 Test Report Rev.1.0

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Product

ASUSPRO 7000 (P/I-P65UP8 mainboard)

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PART A. SPECIFICATION TEST

1. System Specific Test

CPU Test					
Vender	Model	Voltage	Clock Multiplier	Bus Speed	Remark/Special Setting
Intel	Pentium Pro-180	3.3V	3.0X	60 MHz	
	Pentium Pro-200	3.3V	3.0X	66 MHz	
	Pentium II-233	2.8V	3.5X	66 MHz	
	Pentium II-266	2.8V	4.0X	66 MHz	
	Pentium II-300	2.8V	4.5X	66 MHz	
Memory Test					
Type	SIZE	Vendor	Component	Remark/Special Setting	
72 Pin SIMM Module	8M Bytes	Hitachi	HM514400CLS7-7		
		Mitsubishi	M5M44400BJ-7		
		NEC	424400-60		
		OKI	M51440B-70SJ		
		Panasonic	MN414400BSJ-7		
		Samsung	KM416C1204AJ-6		
		Samsung	KM416C1204AJ-7		
		TI	TM348160DE-6		
		VIS	VG2618165BJ 611-6		
	8M Bytes (EDO)	Micron	MT4C4007JDJ-6		
		Micron	MT4C4007JDJ-7		
	16M Bytes	Hitachi	HM5117400AS6		
		Hitachi	HM5117400AS7		
		NEC	D424400GS-7		
		OKI	K5117405A-6		
		Siemens	HYB5117400BJ-60		
		TI	Z417400G-6		
	32M Bytes	Hitachi	HM5117400AS6		
		NEC	4217400-60		
		Samsung	KM44C4100J-7		
		TI	TMS417400DJ-60		
	128M Bytes (EDO)	Samsung	KM44C16104AK-6		
FDD Devices					
Type	Model	O.S. Environment	Status	Remark/Special Setting	
3Mode FDD	Mitsumi D353T5	MS-DOS V6.20 Japanese (PCAT)	Pass		
1.44 MB FDD	EPSON SMD-1300	Win95 V950B	Pass		
	Panasonic JU-257A606P	OS/2 WARP Server V4.0 OS/2 WARP V4.0 OpenStep R4.0	Pass		
	NEC FD1231H	MS-DOS V6.22 Win95 V950B	Pass		
1.2 MB FDD	NEC FD1157C	MS-DOS V6.22 Win95 V950B	Pass		
720KB/1.44MB/ 120MB FDD	Panasonic LKM-F434-1	Win95 V950B	Pass		
	Mitsubishi MF357G-111MA	Win95 V950B	Pass		
Tape	Colorado 250MB	WFWG V3.11	Pass		
Serial Port Devices					
Type	Model	O.S. Environment	Status	Remark/Special Setting	
Mouse	Genius Serial Mouse	Solaris V2.51 Solaris V2.6 SCO UNIX R5.0.4	Pass		

Serial Port Devices				
Type	Model	O.S. Environment	Status	Remark/Special Setting
Mouse	<i>Genius Easy Scroll Mouse</i>	Win95 V950B	Pass	
	<i>Logitech First Mouse Super</i>	OS/2 WARP Connect V3.0 Chinese (Traditional) OpenStep R4.0 Solaris V2.51	Pass	
	<i>Logitech MouseMan</i>	OS/2 WARP Connect V3.0 OS/2 WARP V4.0 OpenStep R4.0	Pass	
	<i>Logitech TrackMan</i>	NT WKS V4.0	Pass	
	<i>Microsoft Serial Mouse</i>	Win95 V950B NT Server V4.0	Pass	
PS2 Port Devices				
Type	Model	O.S. Environment	Status	Remark/Special Setting
Mouse	<i>Digital PS/2 Mouse</i>	Solaris V2.51 Solaris V2.6	Pass	
	<i>IBM PS/2 Mouse</i>	WFWG V3.11 Solaris V2.51	Pass	
	<i>Genius PS/2 Mouse</i>	OS/2 WARP V4.0	Pass	
	<i>Microsoft IntelliMouse</i>	WFWG V3.11 Win95 V950B UnixWare V2.01	Pass	
Parallel Port Devices				
Type	Model	O.S. Environment	Status	Remark/Special Setting
ECP	<i>Direct Parallel universal Cable (ECP)</i>	Win95 V950B	Pass	
EPP	<i>DataStor Commuter Parallel Port Portable SCSI Disk Case with EPP function</i>	MS-DOS V6.22	Pass	
	<i>Up Select Commuter Parallel Port Portable IDE Disk Case with EPP function</i>	MS-DOS V6.22	Pass	
	<i>Up Select Commuter Parallel Port Portable IDE CD-ROM Case with EPP function</i>	MS-DOS V6.22	Pass	
M.O.	<i>Philips PDD230</i>	Win95 V950B	Pass	
Printer	<i>HP LaserJet 5L</i>	Win95 V950B	Pass	
Tape	<i>Iomega IO3020</i>	Win95 V950B	Pass	
Zip	<i>Iomega Z100P2</i>	Win95 V950B	Pass	
USB Devices				
Type	Model	O.S. Environment	Status	Remark/Special Setting
Camera	<i>Kodak DVC-300</i>	Win95 V950B	Pass	
Keyboard	<i>Silitek SK-6000</i>	MS-DOS V6.22 Win95 V950B	Pass	
Loop Back	<i>USB HPT Host Production Tester</i>	MS-DOS V6.22	Pass	
Mouse	<i>Anchor USB Mouse</i>	Win95 V950B	Pass	
	<i>Logitech USB Mouse</i>	Win95 V950B	Pass	
IR Devices				
Type	Model	O.S. Environment	Status	Remark/Special Setting
IR Connector	<i>ASUSTeK Infrared Device</i>	Win95 V950B	Pass	
	<i>ACTiSYS ACT-IR2000L</i>	Win95 V950B	Pass	
	<i>Vitex IRJet5000</i>	Win95 V950B	Pass	

IDE Devices				
Type	Model	O.S. Environment	Status	Remark / Special Setting
M.O.	<i>Fujitsu M2541BE02</i>	Win95 V950B	Pass	
Zip	<i>lomega Z100ATAPI</i>	Win95 V950B	Pass	
	<i>lomega Z100 iDE</i>	Win95 V950B	Pass	
SCSI Devices				
Type	Model	O.S. Environment	Status	Remark / Special Setting
M.O.	<i>Fujitsu M2513S2B</i>	Win95 V950B	Pass	On-board Adaptec AIC-7880P
	<i>Mitsubishi MCA640</i>	Win95 V950B	Pass	On-board Adaptec AIC-7880P
Removable HDD	<i>SyQuest SYJET1SI</i>	Win95 V950B	Pass	On-board Symbios 53C876
Zip	<i>lomega Z100Si</i>	Win95 V950B	Pass	On-board Symbios 53C876

2. System BIOS Test

2.1 System CMOS Setup

System BIOS Test			
Test Item		Status	Remark/Special Setting
CMOS Setup Utility	Load BIOS Default	Pass	
	Load Setup Default	Pass	
	Supervisor Password	Pass	
	User Password	Pass	
	Save & Exit Setup	Pass	
	Exit Without Saving	Pass	
Standard CMOS Setup Test	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	
	Extended Memory	Pass	
BIOS Features Setup	Virus Warning	Pass	Enabled / Disabled
	CPU Level 1 Cache	Pass	Enabled / Disabled
	CPU Level 2 Cache	Pass	Enabled / Disabled
	Quick Power On Self Test	Pass	Enabled / Disabled
	System Security Option	Pass	System / Setup
	PS/2 Mouse Function Control	Pass	Auto / Enabled
	Boot Up NumLock status	Pass	On / Off
Chipset Features Setup	Memory Hole At 15M-16M	Pass	Disabled / Enabled
	Data Integrity (PARITY)	Pass	Disabled / Enabled
	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
	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
PNP AND PCI SETUP	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

SCSI / IDE HDD Sequence Test				
O.S. Environment	SCSI Device	IDE Device	Status	Features Tested
Win95 V950B	On-board Symbios 53C876 Iomega Z100Si	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from IDE device.
MS-DOS V6.22	On-board Adaptec AIC-7880P Quantum HN9100SW	On-board IDE Iomega Z100ATAPI	Pass	Using IDE and SCSI device at the same time and boot from IDE ZIP device.
Win95 V950B	On-board Symbios 53C876 Iomega Z100Si	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from IDE device (with BusMaster driver).
MS-DOS V6.22	On-board Adaptec AIC-7880P Quantum HN9100SW	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from SCSI device.(Without ASPI8DOS.SYS)
MS-DOS V6.22	On-board Adaptec AIC-7880P Iomega Z100Si	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from SCSI ZIP device. (Without ASPI8DOS.SYS)
MS-DOS V6.22	On-board Adaptec AIC-7880P Quantum HN9100SW	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from SCSI device.(With ASPI8DOS.SYS)
MS-DOS V6.22	On-board Adaptec AIC-7880P Iomega Z100Si	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from SCSI ZIP device. (With ASPI8DOS.SYS)
MS-DOS V6.22	On-board Symbios 53C876 Micropolis 4345AV	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from SCSI device.(Without ASPI8XX.SYS)
MS-DOS V6.22	On-board Symbios 53C876 Micropolis 4345AV	On-board IDE Fujitsu MPA3017AT	Pass	Using IDE and SCSI device at the same time and boot from SCSI device.(With ASPI8XX.SYS)
Boot Sequence Test				
Type	O.S. Environment	Peripheral Device	Status	Features Tested
A , C	OS/2 WARP V4.0	Maxtor 82560D3	Pass	
C , A	OS/2 WARP V3.0	Micropolis 4540A	Pass	
A , CDROM , C	NT WKS V4.0 Chinese (Traditional)	Fujitsu MPA3017AT Sony CDU511	Pass	
CDROM , C , A	NT WKS V4.0 Chinese (Traditional)	Fujitsu MPA3017AT Sony CDU511	Pass	
D , A	MS-DOS V6.22	Maxtor 82560D3 Micropolis 4525A	Pass	
E , A	Win95 V950B	Maxtor 82560D3 Micropolis 4525A Fujitsu MPA3017AT	Pass	
F , A	NT Server V3.51	Maxtor 82560D3 Micropolis 4525A Fujitsu MPA3017AT Quantum TM2100AT	Pass	
C Only	Win95 V950B	Fujitsu MPA3017AT	Pass	
LS/ZIP , C	MS-DOS V6.22	Micropolis 4525A Mitsubishi MF357G-111MA	Pass	
	MS-DOS V6.22	Micropolis 4525A Iomega Z100ATAPI	Pass	

2.3 Power Management Measurement

Power Management Test					
Type	Test Item	Peripheral Device	O.S. Environment	Status	Features Tested
Power Management	Disable	Fujitsu MPA3017AT	Win95 V950B	Pass	
	User Define	Fujitsu MPA3017AT	Win95 V950B	Pass	
	Min Saving	Fujitsu MPA3017AT	Win95 V950B	Pass	
	Max Saving	Fujitsu MPA3017AT	Win95 V950B	Pass	
PM Timers	HDD Power Down	Fujitsu MPA3017AT	Win95 V950B	Pass	
	Doze Mode	Fujitsu MPA3017AT	Win95 V950B	Pass	

Power Management Test					
Type	Test Item	Peripheral Device	O.S. Environment	Status	Features Tested
PM Timers	Standby Mode	Fujitsu MPA3017AT	Win95 V950B	Pass	
	Suspend Mode	Fujitsu MPA3017AT	Win95 V950B	Pass	
PWR Button < 4 Secs	Soft Off	Micropolis 4525A	MS-DOS V6.22	Pass	
SMI Jumper	Enabled Power Management	Fujitsu MPA3017AT	Win95 V950B	Pass	
	Disabled Power Management	Fujitsu MPA3017AT	Win95 V950B	Pass	

3. System Utility Test

System Utility					
Package Name	Version	Publisher	O.S. Environment	Status	Remark/Special Setting
CBROM Utility	V1.12	Award	MS-DOS V6.22	Pass	
PFLASH2 Utility	V1.8	ASUSTeK	MS-DOS V6.22	Pass	

4. System Diagnostic & Certification Test

System Diagnostics					
Package Name	Version	Publisher	O.S. Environment	Status	Remark/Special Setting
Professional Qaplus	V5.49	Diagsoft	MS-DOS V6.22	Pass	
Qaplus/FE	V5.51	Diagsoft	MS-DOS V6.22	Pass	
Qaplus/win	V7.1	Diagsoft	WFWG V3.11 Win95 V950B	Pass	
System Certification					
Package Name	Version	Publisher	O.S. Environment	Status	Remark/Special Setting
Win95 HCT	V7.2	Microsoft	Win95 V950B	Pass	Execute all test item.
Windows NT HCT	V7.2	Microsoft	Windows NT 4.0	Pass	Execute System Test.
OS/2 Warp CTK	V4.0	IBM	OS/2 Warp V4.0	Pass	Run every test items.
Solaris HCT	V2.06c	Sunsoft	Solaris V2.51	Pass	Stress Tests: Keyboard, Mouse, Network, Disk, CD-ROM, Floppy, Paging, Display.

5. Field (stress) Test

Test Type	QAPLUS/FE V5.51		
Configuration	Intel P6-200 + 64MB(32MB * 2) + 256KB(Internal) + On-board IDE + Fujitsu MPA3017AT + On-board S3 Trio64V2/DX + ASUS PCI-L101		
	Plug LoopBack		
Test Procedure	Running Qaplus Diagnostic Modules Test. Test item including : System Board, Memory, Video, Floppy drive, Keyboard, Com port, Parallel port.		
Result	Pass	Duration	22 Hours
Test Type	QAPLUS/WIN 7.1		
Configuration	Intel Pentium II-266 + 16MB(4MB * 4) + 512KB(Internal) + On-board Adaptec AIC-7880P + Micropolis 4345AV + On-board S3 Trio64V2/DX + IBM PS/2 Mouse		
	Plug LoopBack		
Test Procedure	Running System Board, Momery, Video , Hard drives , Floppy drive test item.		
Result	Pass	Duration	24 Hours

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
MS-DOS	V6.22	Microsoft	Pass	
MS-DOS/V Japanese (PCAT)	V6.2	Microsoft	Pass	
Microsoft Windows for Workgroup	V3.11	Microsoft	Pass	
Microsoft Windows Chinese (Traditional)	V3.1	Microsoft	Pass	
Microsoft Windows Chinese (Simplified)	V3.2	Microsoft	Pass	
Microsoft Windows Japanese (PCAT)	V3.1	Microsoft	Pass	
PC-DOS	V7.0	IBM	Pass	
PC-DOS Japanese (PCAT)	V6.1	IBM	Pass	

1.1.2 Application Software Compatibility

MS-DOS Utilities					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
ET2000 for DOS	V5.0	ETEN	MS-DOS V6.22	Pass	
ET2000 for Windows	V1.0	ETEN	Win V3.1 Chinese (Traditional)	Pass	
EMM386.EXE	V6.22	Microsoft	MS-DOS V6.22	Pass	
HIMEM.SYS	V6.22	Microsoft	MS-DOS V6.22 WFWG V3.11	Pass	
KEYB	V6.22	Microsoft	MS-DOS V6.22	Pass	
MS-DOS Utilities	V6.22	Microsoft	MS-DOS V6.22	Pass	
RAMDRIVE.SYS	V3.07	Microsoft	MS-DOS V6.22	Pass	
Spreadsheet Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Lotus-123 for Windows Chinese (Traditional)	R5	Lotus	Win V3.1 Chinese (Traditional)	Pass	
Quattro Pro	V6.0	Novell	WFWG V3.11	Pass	
Presentation Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Lotus Freelance Graphics for Windows Chinese (Traditional)	V2.01	Lotus	Win V3.1 Chinese (Traditional)	Pass	
Graphic Impact	V2.0	Autodesk	WFWG V3.11	Pass	
Presentations	V3.0	Novell	WFWG V3.11	Pass	

Word Processing Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
<i>Word Perfect for Windows</i>	V6.1	Novell	WFWG V3.11	Pass	
<i>Word Pro 96 Chinese (Traditional)</i>	V1.0	Lotus	Win V3.1 Chinese (Traditional)	Pass	
Graphics / Image Processing / Multimedia Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
<i>Adobe Photoshop</i>	V4.0	Adobe	WFWG V3.11	Pass	
<i>Authorware</i>	V3.5	Macromedia	WFWG V3.11	Pass	
<i>Image Pals</i>	V2.0	U-Lead	WFWG V3.11	Pass	
<i>Mediamate Chinese (Traditional)</i>	V2.1	Bestlink	Win V3.1 Chinese (Traditional)	Pass	
<i>Media Studio</i>	V2.0	U-Lead	WFWG V3.11	Pass	
<i>Photostyler</i>	V2.0	Aldus	WFWG V3.11	Pass	
Database Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
<i>Lotus Approach for Windows Chinese (Traditional)</i>	V3.0	Lotus	Win V3.1 Chinese (Traditional)	Pass	
<i>MS Fox Pro for Windows</i>	V2.5b	Microsoft	WFWG V3.11	Pass	
<i>Visual dBASE</i>	V5.5	Borland	WFWG V3.11	Pass	
Utilities & Tools					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
<i>386 MAX</i>	V8.0	Qualitas	MS-DOS V6.22	Pass	
<i>Corel SCSI ! Pro</i>	V2.2	Corel	WFWG V3.11	Pass	
<i>EZ-SCSI</i>	V4.00E	Adaptec	WFWG V3.11	Pass	
<i>Norton Commander</i>	V5.0	Symantec	MS-DOS V6.22	Pass	
<i>Norton Utility</i>	V8.0	Symantec	MS-DOS V6.22	Pass	
<i>PC-Tools for DOS</i>	R9.0	Central Point	MS-DOS V6.22	Pass	
<i>PC-Tools for Windows</i>	V2.0	Central Point	WFWG V3.11	Pass	
<i>Sytos Plus for Windows</i>	V2.0	Sytos	WFWG V3.11	Pass	
<i>Xtree Gold</i>	V4.0	Central Point	WFWG V3.11	Pass	
Integrate Applications / Project Management					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
<i>Lotus Organizer Chinese (Traditional)</i>	V1.1	Lotus	Win V3.1 Chinese (Traditional)	Pass	
<i>SideKick for Windows</i>	V1.0	Borland	WFWG V3.11	Pass	
Programming Language / Compiler					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
<i>Borland C++</i>	V4.0	Borland	WFWG V3.11	Pass	
<i>MASM</i>	V6.11	Microsoft	MS-DOS V6.22	Pass	
<i>Turbo C</i>	V2.0	Borland	MS-DOS V6.22	Pass	
<i>Turbo Pascal</i>	V7.0	Borland	MS-DOS V6.22	Pass	

CAD & DTP / Mathematics & Statistics					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
AutoCAD	R13 C4a	Autodesk	MS-DOS V6.22	Pass	
AutoCAD LT for Windows Chinese (Traditional)	1.0	Autodesk	Win V3.1 Chinese (Traditional)	Pass	
MathCAD	V6.0 Plus	MathSoft	Win V3.11	Pass	
Mathematica	V2.2 Enhance	Wolfram Research	Win V3.11	Pass	
MicroStation	V5.0	Bentley System Inc.	MS-DOS V6.22	Pass	
Communication / Remote Control / E-Mail					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Crosstalk	V2.2	DCA	WFWG V3.11	Pass	
Ftp PC/TCP OnNet	V2.0	Ftp	WFWG V3.11	Pass	
Procomm PLUS	V2.01	Datastorm	WFWG V3.11	Pass	
Super TCP/NFS	V4.00R2	Frontier	WFWG V3.11	Pass	
Telnet for Windows	V1.01d	Delta Comm	WFWG V3.11	Pass	

1.2 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 MPA3026AT (4)	M	Philips PCA243CD (24X)	M	WFWG V3.11	Pass	
	IBM DAQA-32160 (4)	M	Mitsumi CRMC-FX140S2 (14X)	M	WFWG V3.11	Pass	
	IBM DHEA-34330 (DMA33)	M	Fujitsu MPA3026AT (4) Sony CDU511 (16X)	M S	WFWG V3.11	Pass	
	IBM DHEA-38451 (DMA33) Teac CD-524E (24X)	M S	NEC DSE2100A (4)	M	Win V3.1 Chinese (Traditional)	Pass	
	Maxtor 83201A6 (4)	M	Quantum SR2550AT (4) Wearnes CDD1620 (16X)	M S	Win V3.1 Chinese (Traditional)	Pass	
	Maxtor 83500A8 (4) Philips PCA163CD (16X)	M S	Micropolis 4550A (4)	M	WFWG V3.11	Pass	
	Maxtor 84000A6 (4) WD AC32500 (4)	M S	Sony CDU571 (16X)	M	Win V3.2 Chinese (Simplified)	Pass	
	Micropolis 4550A (4) IBM DCAA-33610 (4)	M S	DCS C706A (16X)	M	WFWG V3.11	Pass	
	Quantum CY4335AT (4)	M	WD WDAC33100 (4) Funai E2950UA (16X)	M S	Win V3.1 Chinese (Traditional)	Pass	
	Quantum ST3240AT (DMA33)	M	Seagate ST52520A (4) Funai E2950UA (16X)	M S	WFWG V3.11	Pass	
	Quantum ST3240AT (DMA33)	M	Fujitsu MPA3017AT (4) NEC CDR-1800A (24X)	M S	WFWG V3.11	Pass	
	Quantum TM2110AT (4)	M	Maxtor 84320D5 (DMA33) BTC BCD16XA (16X)	M S	Win V3.1 Chinese (Traditional)	Pass	
	Quantum TM3840AT (4)	M	Pioneer DRA24X (24X)	M	WFWG V3.11	Pass	
	Seagate ST32132A (4)	M	Seagate ST52520A (4) Sony CDU511 (16X)	M S	WFWG V3.11	Pass	
	Seagate ST33240A (4)	M	Quantum TM3840AT (4) Vuego CD616A (16X)	M S	Win V3.1 Chinese (Traditional)	Pass	
	Seagate ST52520A (4) Mitsumi CRMC-FX140S2 (14X)	M S	Quantum TM3840AT (4)	M	WFWG V3.11	Pass	
	WD AC22500 (4) Creative CD1220E (12X)	M S	Quantum ST2160AT (DMA33)	M	WFWG V3.11	Pass	
	WD WDAC33100 (4)	M	IBM DHEA-34330 (DMA33) Goldstar CRD8160B (16X)	M S	WFWG V3.11	Pass	

SCSI Disk Controllers					
Card Type	Card Model	H.D.D.	CD-ROM	O.S. Environment	Status
SCSI (ISA)	<i>Adaptec AHA-1542CF Rev.C (BIOS:V2.02)</i>	Seagate ST32155N	NEC CDR-512	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Adaptec AHA-1542CP Rev.B (BIOS:V1.02)</i>	Quantum HN9100S	Pioneer DR-U12X	MS-DOS V6.22 WFWG V3.11	Pass
SCSI (PCI)	<i>ASUS PCI-DA2100 Rev.3A (BIOS:V1.13B)</i>	Quantum HN2275SW * 3	Teac CD-516S	MS-DOS V6.22 WFWG V3.11	Pass
	<i>ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)</i>	Quantum HN4550S	NEC CDR-512	MS-DOS V6.22 WFWG V3.11	Pass
	<i>ASUS PCI-SC860 Rev.1.2 (BIOS:V4.03)</i>	Seagate ST52160N	Pioneer DR-U12X	MS-DOS V6.22 WFWG V3.11	Pass
	<i>ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)</i>	IBM DCAS-32160W	Toshiba XM-5701B	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Adaptec AHA-2940UW Rev.C (BIOS:V1.24)</i>	Quantum HN2275SW	Sony CDU415	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Adaptec AHA-2940AU Rev.C (BIOS:V1.21)</i>	Quantum TM3200S	Teac CD-516S	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Adaptec AHA-3940UW Rev.A (BIOS:V1.24)</i>	Seagate ST34371W	Panasonic CR-506-B	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Adaptec AHA-3940W Rev.D (BIOS:V1.12)</i>	WD WDE4360W	NEC CDR-1410A	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Adaptec AHA-3985 Rev.A (BIOS:V1.5)</i>	WD WDE2170 Quantum HN9100S	NEC CDR-1610A	PC-DOS V6.1 Japanese (PCAT)	Pass
	<i>AdvanSys ABP-940U Rev. (BIOS:V)</i>	Seagate ST52160N	Pioneer DR-U24X	PC-DOS V7.0	Pass
	<i>AdvanSys ABP-930 Rev.2 (BIOS:V2.8C)</i>	Seagate ST32550N	Plextor PX-20TSi	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Buslogic BT930 Rev.A (BIOS:V1.40e)</i>	Seagate ST31055N	Pioneer DR-U24X	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Buslogic BT932 Rev.A (BIOS:V1.40e)</i>	Seagate ST32550N	Sony CDU415	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Buslogic BT948C Rev.Ab (BIOS:4.95L)</i>	Seagate ST15150N	NEC CDR-502	MS-DOS V6.22 WFWG V3.11	Pass
	<i>Buslogic BT950 Rev.A (BIOS:V4.94G)</i>	WD WDE2170W	Panasonic CR-506-B	MS-DOS V6.22 WFWG V3.11	Pass
	<i>DPT PM2144UW (BIOS:V003.A0)</i>	Seagate ST32155W	Toshiba XM-5701B	MS-DOS V6.22 WFWG V3.11	Pass
	<i>DPT PM3334UW (BIOS:V003.A0)</i>	WD WDE2170W Fujitsu M2952QAU Seagate ST32155W	NEC CDR-1410A	MS-DOS V6.22 WFWG V3.11	Pass
	<i>On-board Adaptec AIC-7880P (BIOS:1.24)</i>	IBM DCAS-32160W	Toshiba XM-5701B	MS-DOS V6.22 WFWG V3.11	Pass
	<i>On-board Symbios 53C876 (BIOS:4.03.00)</i>	Micropolis 4345WAV	Toshiba XM-5701B	MS-DOS V6.22 WFWG V3.11	Pass
	<i>ProMISE SCSIULTRA Rev. (BIOS:V.)</i>	Quantum HN9100SW	Plextor PX-20TSi	Win V3.1 Japanese(PCAT)	Pass
	<i>WDC WD7197 Rev.B (BIOS:V172)</i>	Fujitsu M2952QAU	Pioneer DR-U24X	MS-DOS V6.22 WFWG V3.11	Pass
Graphic Adapters					
Card Type	Card Model	Peripheral Device	O.S. Environment	Status	Remark
VGA (PCI)	<i>On-board S3 Trio64V2/DX</i>	On-board IDE IBM DAQA-32160	WFWG V3.11	Pass	
Multimedia Kit					
Card Type	Card Model	Peripheral Device	O.S. Environment	Status	Remark
Sound Card	<i>ASUS I-A16C Rev.1.2</i>	On-board IDE Quantum TM2110AT	Win V3.1 Chinese (Traditional)	Pass	
	<i>Arvin Pro-Multimedia Rev.2.1</i>	On-board IDE Quantum ST2160AT	WFWG V3.11	Pass	
	<i>Creative Sound Blaster 32 PnP</i>	On-board IDE Seagate ST31277A	Win V3.2 Chinese (Simplified)	Pass	
	<i>Creative Sound Blaster AWE32 PnP</i>	On-board IDE Micropolis 4540A	Win V3.1 Chinese (Traditional)	Pass	
	<i>CinaAction 16 PnP</i>	On-board IDE Maxtor 83201A6	Win V3.1 Chinese (Traditional)	Pass	

Multimedia Kit							
Card Type	Card Model	Peripheral Device			O.S. Environment	Status	Remark
Sound Card	FSO-PNP3D Rev.1.1	On-board IDE WD WDAC33100			WFWG V3.11	Pass	
	T.C. Star ATC931 Rev.A	On-board IDE IBM DCAA-34330			WFWG V3.11	Pass	
	Ultrasound Gravis PnP Rev.1.0	On-board IDE IBM DAQA-32160			WFWG V3.11	Pass	
MPEG Card	Acer DCS P531 MPEG Player	On-board IDE WD WDAC33100			WFWG V3.11	Pass	
	PRO-VIEWER	On-board IDE Quantum TM2110AT			Win V3.1 Chinese (Traditional)	Pass	
	W-2020 PCI MPEG	On-board IDE Quantum ST3240AT			WFWG V3.11	Pass	
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509B (Plug and Play)	5	360		WFWG V3.11	Pass	
	Accton EN166X Rev.02 (Plug and Play)	3	300		WFWG V3.11	Pass	
	Cnet 288PnP Rev.A (Plug and Play)	3	300		WFWG V3.11	Pass	
	Cnet 888E Rev.1.4	Auto	Auto		WFWG V3.11	Pass	
	Intel PCLA8205	5	340		WFWG V3.11	Pass	
	Novell NE2000Plus-3	5	300		WFWG V3.11	Pass	
	SMC 8013WC Rev.A	10	300		WFWG V3.11	Pass	
Ethernet (PCI)	ASUS PCI-DEC10-TB+ Rev.B1	Auto	Auto		MS-DOS V6.22 WFWG V3.11	Pass	
	3COM 3C590C Rev.14	Auto	Auto		MS-DOS V6.22 WFWG V3.11	Pass	
	3COM 3C900 Rev.	Auto	Auto		WFWG V3.11	Pass	
	Accton EN1203 Rev.01C	Auto	Auto		MS-DOS V6.22 WFWG V3.11	Pass	
	Accton EN1208 Rev.01A	Auto	Auto		WFWG V3.11	Pass	
	Compaq NETFLEX-3/P Rev.A	Auto	Auto		WFWG V3.11	Pass	
	Cogent EM960	Auto	Auto		WFWG V3.11	Pass	
	Digital DE450AC Rev.A01	Auto	Auto		WFWG V3.11	Pass	
	D-Link DE-530CT+ Rev.A1	Auto	Auto		WFWG V3.11	Pass	
	Intel PILA840X	Auto	Auto		WFWG V3.11	Pass	
	Proteon P1670-EA	Auto	Auto		WFWG V3.11	Pass	
	SMC 8432BT Rev.A	Auto	Auto		WFWG V3.11	Pass	
	Thomas-Conrad TC5048 Rev.A	Auto	Auto		WFWG V3.11	Pass	
100BaseTx	ASUS PCI-DEC100TX+ Rev.01	Auto	Auto		WFWG V3.11	Pass	
	3Com 3C595TX Rev.B	Auto	Auto		WFWG V3.11	Pass	
	3Com 3C905TX Rev.B	Auto	Auto		WFWG V3.11	Pass	
	Accton EN1207 Rev.01	Auto	Auto		WFWG V3.11	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
100BaseTx	CNET CN100TX	Auto	Auto		WFWG V3.11	Pass	
	Cogent EM110TX	Auto	Auto		WFWG V3.11	Pass	
	Digital DE500XA	Auto	Auto		WFWG V3.11	Pass	
	D-Link DFE-500TX Rev.B4	Auto	Auto		WFWG V3.11	Pass	
	Intel PILA8465	Auto	Auto		WFWG V3.11	Pass	
	Intel PILA8465B	Auto	Auto		WFWG V3.11	Pass	
	SMC 9332DST	Auto	Auto		WFWG V3.11	Pass	
Token-Ring Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Token-Ring (ISA)	3COM 3C619C Rev.A	5	A20		WFWG V3.11	Pass	
	D-Link DT-220P Rev.B1	Auto	Auto		WFWG V3.11	Pass	
	IBM Auto 16/4 Adapter (Plug and Play)	Auto	Auto		WFWG V3.11	Pass	
	Intel PCLA815X (Plug and Play)	5	340		WFWG V3.11	Pass	
	Olicom OC-3118 Rev.3 (Plug and Play)	Auto	Auto		WFWG V3.11	Pass	
	Proteon P1392Plus Rev.J (Plus and Play)	5	A20	5	WFWG V3.11	Pass	
	Thomas-Conrad TC4145-C Rev.A (Plug and Play)	Auto	Auto		WFWG V3.11	Pass	
Token-Ring (PCI)	Proteon P1690	Auto	Auto		WFWG V3.11	Pass	
	Olicom OC-3870 Rev.4	Auto	Auto		WFWG V3.11	Pass	
	Thomas-Conrad TC4048	Auto	Auto		WFWG V3.11	Pass	
Modem Devices							
Type	Model	O.S. Environment			Application	Status	Remark / Special Setting
Modems (Internal)	Cardinal 28800 internal	WFWG V3.11			Crosstalk V2.2	Pass	28,800 BPS COM3
Modems (External)	ADI CommuPack V336	Win V3.11 Chinese (Traditional)			IE V3.0 Netscape V2.02	Pass	33,600 BPS COM1
	Hayes Optima 288	WFWG V3.11			Telix for Windows V1.01d	Pass	28,800 BPS COM2
	USRoboties Sportster Vi336	WFWG V3.11			Procomm PLUS V2.01	Pass	33,600 BPS COM1
	ZYXEL U336E	Win V3.11 Chinese (Traditional)			IE V3.0 Netscape V2.02	Pass	33,600 BPS COM2
ISDN Devices							
Type	Model	O.S. Environment			Application	Status	Remark / Special Setting
Terminal Adapter (External)	ZYXEL Omni TA128	Win V3.11 Chinese (Traditional)			IE V3.0 Netscape V2.02	Pass	64,000 BPS COM2

Tape Devices				
Type	Model	O.S. Environment	Status	Remark / Special Setting
SCSI	Conner TSD4000H	WFWG V3.11	Pass	
	Exabyte EXB2501	WFWG V3.11	Pass	
Parallel	iomega ditto 3200	WFWG V3.11	Pass	
	Colorado Trakker 700	WFWG V3.11	Pass	
Floppy	IOMEGA Tape 250	MS-DOS V6.22	Pass	
	Conner TSM420R	WFWG V3.11	Pass	
	Colorado T1000	WFWG V3.11	Pass	
ZIP Devices				
Type	Model	O.S. Environment	Status	Remark / Special Setting
SCSI	iomega jaz 1GB	MS-DOS V6.22 WFWG V3.11	Pass	
	iomega Z100SCSI	MS-DOS V6.22	Pass	
IDE	iomega ZIP 100 iDE	MS-DOS V6.22 WFWG V3.11	Pass	
Parallel	iomega ZIP Tools 100	MS-DOS V6.22 WFWG V3.11	Pass	

1.3 Field (stress) Test

Test Type	Windows for Workgroup Integrate network access test		
Configuration	Intel P6-200 + 32MB(EDO 16MB * 2) + 256KB(Internal) + On-board IDE + Seagate ST52520A Quantum TM3840AT + Mitsumi CRMC-FX140S CD-ROM + On-board S3 Trio64V2/DX + 3COM 3C905 + Microsoft IntelliMouse 2 * Peers(Windows for Workgroup V3.11)		
Test Procedure	Run Multitasking in this PC and access other workstation resource from network environment.		
Result	Pass	Duration	15 Hours
Test Type	Windows for Workgroup Integrate network access test		
Configuration	Intel P6-200 + 32MB(EDO 16MB * 2) + 256KB(Internal) + On-board Adaptec AIC-7880P + IBM DCAS-32160W + Toshiba XM-5701B CD-ROM + On-board S3 Trio64V2/DX + Intel PILA8465B + Microsoft IntelliMouse 1 * Peer(Windows for Workgroup V3.11) 1 * Peer(Windows NT Server V4.0)		
Test Procedure	Run Multitasking in this PC and access other workstation resource from network environment.		
Result	Pass	Duration	40 Hours

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	
Windows 95 Chinese (Simplified)	V950B	Microsoft	Pass	
Windows 95 Chinese (Traditional)	V950B	Microsoft	Pass	
Windows 95 German	V950B	Microsoft	Pass	
Windows 95 Japanese (PCAT)	V950B	Microsoft	Pass	

2.1.2 Application Software Compatibility

Graphics / Image Processing / Multimedia Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
ABC Graphics Suite	V6.0	Micrografx	Win95 V950B	Pass	
Astound	V2.0	Gold Disk	Win95 V950B	Pass	
Corel Draw for windows	V7.0	Corel	Win95 V950B	Pass	
Video Director	V2.5	Gold Disk	Win95 V950B	Pass	
Visio for windows	V4.0	VISIO	Win95 V950B	Pass	
Photoshop	V4.0	Adobe	Win95 V950B	Pass	
MetaTools Kais Power GOO	V1.0	MetaTools	Win95 V950B	Pass	
Database Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Delphi Desktop	V3.0	Borland	Win95 V950B	Pass	
Visual Fox Pro	V3.0	Microsoft	Win95 V950B Chinese (Traditional)	Pass	
Utilities & Tools					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
ET2000 for Windows 95	V5.1	ETEN	Win95 V950B Chinese (Traditional)	Pass	
Norton Antivirus	V1.0	Symantec	Win95 V950B	Pass	
Norton Navigator	V1.0	Symantec	Win95 V950B	Pass	
Norton Utility for Windows 95	V1.0	Symantec	Win95 V950B Chinese (Traditional)	Pass	
QEMM 97	V9.0	Quarterdeck	Win95 V950B	Pass	
Integrate Applications / Project Management					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Lotus Smart Suite 96	V1.0	Lotus	Win95 V950B	Pass	
Office 97	Professional Edition	Microsoft	Win95 V950B Chinese (Traditional)	Pass	

Integrate Applications / Project Management					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Office 95 Chinese (Traditional)	Professional Edition	Microsoft	Win95 V950B Chinese (Traditional)	Pass	
Project	V4.1	Microsoft	Win95 V950B	Pass	
Windows95 PLUS!	V1.0	Microsoft	Win95 V950B	Pass	
Windows95 PLUS! Chinese (Traditional)	V1.0	Microsoft	Win95 V950B Chinese (Traditional)	Pass	
WinHelp Office	V1.0	Blue Sky	Win95 V950B Chinese (Traditional)	Pass	
Works	V4.0	Microsoft	Win95 V950B	Pass	
Works Chinese (Traditional)	V4.0	Microsoft	Win95 V950B Chinese (Traditional)	Pass	
Programming Language / Compiler					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Visual Basic	V4.0	Microsoft	Win95 V950B	Pass	
Visual C++	V4.0	Microsoft	Win95 V950B	Pass	
Watcom C++	V10.5	Watcom	Win95 V950B	Pass	
CAD & DTP / Mathematics & Statistics					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
3D Studio MAX	V1.2	Autodesk	Win95 V950B	Pass	
AutoCAD for Windows95 Chinese (Traditional)	R13C4a	Autodesk	Win95 V950B Chinese (Traditional)	Pass	
Extreme 3D	V1.0	Micromedia	Win95 V950B	Pass	
Communication / Remote Control / E-Mail					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
WinFax Pro for Windows 95	V7.0	Delrina	Win95 V950B	Pass	
Windows 95 Fax	V950	Microsoft	Win95 V950B	Pass	

2.2 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 M1638TAU (4) Pioneer DR-A12X (12X)	M S	Quantum ST2160AT (DMA33)	M	Win95 V950B Chinese (Traditional)	Pass
	Fujitsu MPA3017AT (4) Sony CDU611 (24X)	M S	Maxtor 84320D5 (DMA33) Maxtor 83062A7 (4)	M S	Win95 V950B	Pass
	IBM DJAA-31700 (4) NEC CDR-1800A (24X)	M S	Seagate ST32132A (4) Quantum TM3840AT (4)	M S	Win95 V950B	Pass
	IBM DAQA-32160 (4) IBM DHEA-38451 (DMA33)	M S	Wearnes CDD1620 (16X) IBM DCAA-34330 (4)	M S	Win95 V950B	Pass
	IBM DAQA-33240 (4) Philips PCA163CD (16X)	M S	Seagate ST32531A (4) Fujitsu MPA3026AT (4)	M S	Win95 V950B	Pass
	IBM DCAA-33610 (4)	M	Pioneer DR-A24X (24X)	M	Win95 V950B Chinese (Traditional)	Pass
	IBM DHEA-34330 (DMA33) NEC CDR-1600A (16X)	M S	None		Win95 V950B	Pass

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)	Maxtor 72004AP (4)	M	Quantum TM3200AT (4)	M	Win95 V950B	Pass
	Quantum TM2110AT (4)	S	Philips PCA243CD (24X)	S		
	Maxtor 83500A8 (4)	M	Panasonic CR-584-B (12X)	M	Win95 V950B German	Pass
	Maxtor 85120A8 (4)	M	Samsung WNR-31601A (4)	M	Win95 V950B	Pass
	NEC CDR-CC24 (24X)	S	IBM DJAA-31700 (4)	S		
	Maxtor 85250D6 (DMA33)	M	IBM DHEA-34330 (DMA33)	M	Win95 V950B	Pass
	Hitachi CDR8130 (18X)	S	Quantum TM3840AT (4)	S		
	Micropolis 4525A (4)	M	Teac CD-516E (16X)	M	Win95 V950B Chinese (Traditional)	Pass
	Micropolis 4525A (4)	M	None		Win95 V950B Chinese (Simplified)	Pass
	Philips PCA163CD (16X)	S				
	Micropolis 4540A (4)	M	Seagate ST32132A (4)	M	Win95 V950B	Pass
		S	Acer CD616A (18X)	S		
	NEC DSE2100A (4)	M	None		Win95 V950B	Pass
	Aztech CDA1068-01I (10X)	S				
	Quantum SR1700AT (4)	M	Seagate ST52520A (4)	M	Win95 V950B	Pass
	Goldstar CRD8160B (16X)	S	Maxtor 82560A4 (4)	S	Chinese (Traditional)	
	Quantum SR2550AT (4)	M	Cyber 160D (16X)	M	Win95 V950B Chinese (Traditional)	Pass
	Quantum TM3840AT (4)	M	DCS C706A (16X)	M	Win95 V950B	Pass
	Quantum BF2550AT (4)	M	Maxtor 82560A4 (4)	M	Win95 V950B	Pass
	Vuego CD616A (18X)	S				
	Quantum CY4335AT (4)	M	BTC BCD24X (24X)	M	Win95 V950B German	Pass
	Quantum ST6480AT (DMA33)	S				
	Quantum ST2160AT (DMA33)	M	Philips PCA203CD (20X)	M	Win95 V950B	Pass
	IBM DJAA-31700 (4)	S	Quantum TM3840AT (4)	S	Japanese (PCAT)	
	Quantum ST3240AT (DMA33)	M	NEC CDR-CC24 (24X)	M	Win95 V950B	Pass
	Seagate ST32177A (4)	S			Japanese (PCAT)	
	Quantum ST4320AT (DMA33)	M	Quantum ST2160AT (DMA33)	M	Win95 V950B	Pass
	Seagate ST31277A (4)	S	DCS C637 (12X)	S	Chinese (Traditional)	
	Samsung WNR-31601A (4)	M	Funai E2950UA (16X)	M	Win95 V950B	
	Seagate ST31277A (4)	M	Sony CDU571 (16X)	M	Win95 V950B	Pass
		S	Seagate ST32132A (4)	S	Japanese (PCAT)	
	Seagate ST31720A (4)	M	Seagate ST51270A (4)	M	Win95 V950B	Pass
	Maxtor 83201A6 (4)		NEC CDR-CC24 (24X)		Chinese (Traditional)	
	Seagate ST32132A (4)	M	Vuego CD624A (24x)	M	Win95 V950B Chinese (Simplified)	Pass
Seagate ST32531A (4)	M	Philips PCA203CD (20X)	M	Win95 V950B	Pass	
	S	Micropolis 4550A (4)	S			
Seagate ST33240A (4)	M	Mitsumi CRMC-FX140S2 (14X)	M	Win95 V950B	Pass	
WD WDAC31600 (4)	M	Teac CD-524E (24X)	M	Win95 V950B	Pass	
Fujitsu M1636TAU (4)	S	Maxtor 84000A6 (4)	S			
WD AC32500 (4)	M	None		Win95 V950B	Pass	
Creative CD1220E (12X)	S					
WD WDAC33100 (4)	M	Seagate ST52520A (4)	M	Win95 V950B	Pass	
Mitsumi CRMC-FX120T (12X)	S			German		
WD AC34000 (4)	M	Panasonic CR-585-B (24X)	M	Win95 V950B	Pass	
SCSI Disk Controllers						
Card Type	Card Model	H.D.D.	CD-ROM	O.S. Environment	Status	
SCSI (ISA)	Adaptec AHA-1530P Rev.C (BIOS:V1.03)	Micropolis 4345	Toshiba XM-5701B	Win95 V950B	Pass	
	Adaptec AHA-1542CF Rev.C (BIOS:V2.02)	Quantum HN9100S	On-board IDE Vuedo PCA163CD	Win95 V950B	Pass	
	Adaptec AHA-1542CP Rev.B (BIOS:V1.02)	Quantum TM3200S	Sony CDU415	Win95 V950B	Pass	
SCSI (PCI)	On-board	Quantum VK4550SW	Plextor PX-20TSi	Win95 V950B	Pass	
	Adaptec AIC-7880P Rev.1.0 (BIOS:V1.24)					
	ASUS PCI-DA2100 Rev.3A (BIOS:V1.13B)	Quantum VK4550SW Quantum HN2275SW	On-board IDE Pioneer DR-A24X	Win95 V950B	Pass	
	ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)	Seagate ST19171N	Pioneer DR-U12X	Win95 V950B	Pass	

SCSI Disk Controllers							
Card Type	Card Model	H.D.D.		CD-ROM	O.S. Environment	Status	
SCSI (PCI)	ASUS PCI-SC860 Rev.1.2 (BIOS:V4.03)	Micropolis 4345AV		Teac CD-516S	Win95 V950B	Pass	
	Adaptec AHA-2940AU Rev.C (BIOS:V1.21)	Seagate ST19171N		Pioneer DR-U12X	Win95 V950B	Pass	
	Adaptec AHA-2940UW Rev.C (BIOS:V1.24)	Quantum HN4550SW		NEC CDR-512	Win95 V950B	Pass	
	Adaptec AHA-3940 Rev.B (BIOS:V1.12)	Micropolis 4345AV		NEC CDR-1410A	Win95 V950B	Pass	
	AdvanSys ABP-940U Rev.A (BIOS:V2.6L)	Quantum TM3200S		Plextor PX-20TSi	Win95 V950B	Pass	
	Buslogic BT948C Rev.Ab (BIOS:4.95L)	Quantum TM3200S		NEC CDR-512	Win95 V950B	Pass	
	Buslogic BT950 Rev.A (BIOS:V4.94G)	Quantum HN2275SW		NEC CDR-1610A	Win95 V950B Chinese (Traditional)	Pass	
	Initio INI-9100U Rev.D (BIOS:V1.02)	Maxtor 9217SSN		NEC CDR-1410A	Win95 V950B	Pass	
	Initio INI-9100UW Rev.D (BIOS:V1.02)	Seagate ST32171W		NEC CDR-1610A	Win95 V950B	Pass	
	Promise SCSIIMAX Rev.B (BIOS:V3.07)	Seagate ST19101SW		Pioneer DR-U12X	Win95 V950B	Pass	
	Promise SCSIULTRA Rev.B (BIOS:V4.03)	Quantum HN4550SW		On-board IDE Sony CDU411	Win95 V950B Chinese (Traditional)	Pass	
Graphic Adapters							
Card Type	Card Model	Peripheral Device		O.S. Environment	Status	Remark	
VGA (PCI)	On-board S3 Trio64V2/DX	On-board AIC-7880P Seagate ST34501W		Win95 V950B	Pass	S3 Trio64V2/DX	
Multimedia Kit							
Card Type	Card Model	Peripheral Device		O.S. Environment	Status		
Sound Card	ASUS I-A16C Rev.1.2	On-board Symbios 53C876 WD WDE4360W		Win95 V950B	Pass		
	Arvin AudioMagic - PnP Rev.2.1	On-board Symbios 53C876 WD WDE4360W		Win95 V950B	Pass		
	Creative Sound Blaster AWE32 PnP	On-board IDE Fujitsu M1636TAU		Win95 V950B Chinese (Traditional)	Pass		
	Creative Sound Blaster AWE64 PnP	On-board IDE Fujitsu M1636TAU		Win95 V950B Chinese (Traditional)	Pass		
	FUNAI FSO-PNP3D Sound Master	On-board Symbios 53C876 WD WDE4360W		Win95 V950B	Pass		
	Turtle Beach Tropez Plus	On-board IDE Fujitsu M1636TAU		Win95 V950B	Pass		
	Turtle Beach MultiSound Pinnacle	On-board AIC-7880P Seagate ST34501W		Win95 V950B	Pass		
	T.C. Star ATC931 Sound Adapter	On-board AIC-7880P Seagate ST34501W		Win95 V950B	Pass		
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509B-TP (Plug and Play)	5	360		Win95 V950B Chinese (Traditional)	Pass	
	Accton EN166X Rev.02 (Plug and Play)	Auto	Auto		Win95 V950B Chinese (Traditional)	Pass	
	Cnet 288PnP Rev.A (Plug and Play)	Auto	Auto		Win95 V950B Chinese (Traditional)	Pass	
	Cnet 888E Rev.1.4	5	300		Win95 V950B Chinese (Traditional)	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	<i>Digital DE205</i>	Auto	Auto		Win95 V950B	Pass	
	<i>Intel PCL8205</i>	Auto	Auto		Win95 V950B Chinese (Traditional)	Pass	
	<i>Novell NE2000Plus-3</i>	5	300		Win95 V950B	Pass	
	<i>SMC 8013WC Rev.A</i>	10	300		Win95 V950B Japanese (PCAT)	Pass	
Ethernet (PCI)	<i>ASUS PCI-DEC10-TB+ Rev.B1</i>	Auto	Auto		Win95 V950B	Pass	
	<i>3COM 3C590C Rev.14</i>	Auto	Auto		Win95 V950B	Pass	
	<i>Accton EN1203 Rev.01C</i>	Auto	Auto		Win95 V950B Chinese (Traditional)	Pass	
	<i>Accton EN1208 Rev.01A</i>	Auto	Auto		Win95 V950B Chinese (Simplified)	Pass	
	<i>Cogent EM960</i>	Auto	Auto		Win95 V950B Chinese (Simplified)	Pass	
	<i>Digital DE450AC Rev.A01</i>	Auto	Auto		Win95 V950B	Pass	
	<i>Proteon P1670-EA</i>	Auto	Auto		Win95 V950B	Pass	
	<i>SMC 8432BT Rev.A</i>	Auto	Auto		Win95 V950B	Pass	
	<i>Thomas-Conrad TC5048 Rev.A</i>	Auto	Auto		Win95 V950B	Pass	
100BaseTx	<i>ASUS PCI-DEC100TX+ Rev.01</i>	Auto	Auto		Win95 V950B	Pass	
	<i>3Com 3C595TX Rev.B</i>	Auto	Auto		Win95 V950B Japanese (PCAT)	Pass	
	<i>3Com 3C905TX Rev.B</i>	Auto	Auto		Win95 V950B Japanese (PCAT)	Pass	
	<i>Accton EN1207 Rev.01</i>	Auto	Auto		Win95 V950B Chinese (Simplified)	Pass	
	<i>Cnet CN100TX</i>	Auto	Auto		Win95 V950B Chinese (Traditional)	Pass	
	<i>Cogent EM110TX</i>	Auto	Auto		Win95 V950B Chinese (Traditional)	Pass	
	<i>Digital DE500XA</i>	Auto	Auto		Win95 V950B Chinese (Simplified)	Pass	
	<i>Intel PILA8465</i>	Auto	Auto		Win95 V950B Chinese (Simplified)	Pass	
	<i>SMC 9332DST</i>	Auto	Auto		Win95 V950B	Pass	
	<i>Intel PILA8465B</i>	Auto	Auto		Win95 V950B German	Pass	
Token-Ring Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Token-Ring (ISA)	<i>3COM 3C619C Rev.A</i>	2	A20		Win95 V950B	Pass	
	<i>D-Link DT-220P Rev.B1</i>	Auto	Auto		Win95 V950B	Pass	
	<i>IBM Auto 16/4 Adapter (Plug and Play)</i>	Auto	Auto		Win95 V950B	Pass	
	<i>Intel PCL815X (Plug and Play)</i>	Auto	Auto		Win95 V950B	Pass	
	<i>Olicom OC-3118 Rev.3 (Plug and Play)</i>	Auto	Auto		Win95 V950B	Pass	

Token-Ring Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Token-Ring	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	
Modem Devices							
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
	Cardinal 28800 internal	Win95 V950B Chinese (Traditional)			Dial up Internet, Netscape Upload / Download files	Pass	28,800 BPS COM2
Modems (External)	ADI CommuPack 33600SVD	Win95 V950B			Dial up Internet, Netscape Upload / Download files	Pass	33,600 BPS COM2
	ADI CommuPack SVD56K	Win95 V950B			Dial up Internet, Netscape Upload / Download files	Pass	56,000 BPS COM2
	GVC SF1156V	Win95 V950B			Dial up Internet, Netscape Upload / Download files	Pass	56,000 BPS COM2
	Hayes Optima	Win95 V950B			Dial up Internet, Netscape Upload / Download files	Pass	28,800 BPS COM2
	Supra Express 288 PnP	Win95 V950B			Dial up Internet, Netscape Upload / Download files	Pass	28,800 BPS COM2
	USRobotics Sportster Voice External 33.6	Win95 V950B			Dial up Internet, Netscape Upload / Download files	Pass	33,600 BPS COM2
	ZyXEL U-336E	Win95 V950B			Dial up Internet, Netscape Upload / Download files	Pass	33,600 BPS COM2
ISDN Devices							
Type	Model	Peripheral Device			Application	Status	Remark
Terminal Adapter (Internal)	ASUSCOM ISDN Internal Adapter	Win95 V950B			Dial up Internet, Netscape Upload / Download Files	Pass	
	FritzCard	Win95 V950B			Dial up Internet, Netscape Upload / Download Files	Pass	
Terminal Adapter (External)	ZyXEL Elite 2864I	Win95 V950B			Dial up Internet, Netscape Upload / Download Files	Pass	
	ZyXEL ISDN Terminal Adapter Omni TA128	Win95 V950B			Super Terminal, BBS Upload / Download Files	Pass	
Tape Devices							
Type	Model	O.S. Environment			Status	Remark / Special Setting	
Parallel	Iomega ditto 3200	Win95 V950B			Pass		
ZIP Devices							
Type	Model	O.S. Environment			Status	Remark / Special Setting	
SCSI	Iomega Z100S2	Win95 V950B			Pass		
	Iomega V1000S JAZ	Win95 V950B			Pass		
	Iomega V1000Si JAZ	Win95 V950B			Pass		
IDE	Iomega Z100 iDE	Win95 V950B			Pass		
	Iomega Z100ATAPI	Win95 V950B			Pass		
Removable HDD Devices							
Type	Model				Status	Remark / Special Setting	
SCSI	Fujitsu Dyna MO640	Win95 V950B			Pass		
	Mitsubishi MCA640	Win95 V950B			Pass		
Parallel	Philips PEGASUS MO230	Win95 V950B			Pass		

2.3 Field (stress) Test

Test Type	Windows 95 network access test		
Configuration	Intel Pentium II-266 + 64MB(EDO 32MB * 2) + 512KB(Internal) + On-board IDE + Seagate ST32132A + Vuego CD624A CD-ROM + On-board S3 Trio64V2/DX + Intel PILA8465 + Logitech First Mouse Super		
	1 * Client (Windows 95) 1 * Server (SCO UNIX R5.0.4)		
Test Procedure	Client (Windows 95):Run multiple tasks. Server (SCO UNIX):Run ping, telnettest.		
Result	Pass	Duration	40 Hours
Test Type	Windows 95 network access test		
Configuration	Intel Pentium II-266 + 128MB(EDO 32MB * 2 + EDO 16MB * 4) + 512KB(Internal) + On-board IDE + WD AC32500 + Creative CD1220E CD-ROM + On-board S3 Trio64V2/DX + 3COM 3C905TX + Logitech First Mouse Super		
	1 * Client (Windows 95) 1 * Server (SCO UNIX R5.0.4)		
Test Procedure	Client (Windows 95):Run multiple tasks. Server (SCO UNIX):Run ping, telnettest.		
Result	Pass	Duration	15 Hours

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
Windows NT Workstation	V3.51	Microsoft	Pass	
Windows NT Workstation Chinese (Traditional)	V3.51	Microsoft	Pass	
Windows NT Workstation Japanese (PCAT)	V3.51	Microsoft	Pass	
Windows NT Server	V3.51	Microsoft	Pass	
Windows NT Server Chinese (Traditional)	V3.51	Microsoft	Pass	
Windows NT Workstation	V4.0	Microsoft	Pass	
Windows NT Workstation Chinese (Traditional)	V4.0	Microsoft	Pass	
Windows NT Workstation Japanese (PCAT)	V4.0	Microsoft	Pass	
Windows NT Server	V4.0	Microsoft	Pass	
Windows NT Server Chinese (Traditional)	V4.0	Microsoft	Pass	
Windows NT Server Japanese (PCAT)	V4.0	Microsoft	Pass	

3.1.2 Application Software Compatibility

Applications					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Externe 3D	V1.0	Micromedia	NT WKS V4.0	Pass	
Microsoft Office 95	Professional	Microsoft	NT WKS V4.0	Pass	
Microsoft Office 97	Professional	Microsoft	NT WKS V4.0	Pass	
Photoshop	V4.0	Adobe	NT WKS V4.0	Pass	
Application Server					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
Exchange Server	V4.0	Microsoft	NT Server V4.0	Pass	
Internet Information Server	V2.0	Microsoft	NT Server V4.0	Pass	
Index Server	V1.1	Microsoft	NT Server V4.0	Pass	
Proxy Server	V1.0	Microsoft	NT Server V4.0	Pass	
SQL Server	V6.5	Microsoft	NT Server V4.0	Pass	
SNA Server	V3.0	Microsoft	NT Server V4.0	Pass	
Systems Management Server	V1.2	Microsoft	NT Server V4.0	Pass	

HTML Editor					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
FrontPage	V2.02	Microsoft	NT Server V4.0	Pass	

3.2 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 MPA3017AT (4)	M	Fujitsu M1636TAU (4)	M	NT WKS V4.0	Pass
	IBM DJAA-31700 (4)	S	ASUS S320 (32X)	S		
	Fujitsu MPA3026AT (4)	M	Maxtor 84320D5 (DMA33)	M	NT WKS V3.51	Pass
			Aztech CDA1068-01I (10X)	S		
	IBM DAQA-32160 (4)	M	IBM DHEA-38451 (DMA33)	M	NT Server V4.0	Pass
			BTC BCD16XA (16X)	S		
	IBM DAQA-33240 (4)	M	NEC CDR-CC24 (24X)	M	NT WKS V4.0	Pass
	IBM DCAA-34330 (4)	M	DCS C637 (12X)	M	NT WKS V3.51	Pass
					Chinese (Traditional)	
	IBM DCAA-34330 (4)	M	Fujitsu M2541BE02 (M.O.)	M	NT Server V4.0	Pass
			ASUS S320 (32X)	S	Chinese (Traditional)	
	IBM DHEA-34330 (DMA33)	M	Funai E2950UA (16X)	M	NT Server V4.0	Pass
	IBM DHEA-34330 (DMA33)	M	O.R. Technology FD-3120A (LS120)	M	NT Server V4.0	Pass
			Funai E2950UA (16X)	S		
	IBM DHEA-34330 (DMA33)	M	Funai E2950UA (16X)	M	NT Server V4.0	Pass
	IBM DCAA-33610 (4)	S				
	Maxtor 82560A4 (4)	M	Cyber 160D (16X)	M	NT WKS V3.51	Pass
					Japanese (PCAT)	
	Maxtor 82560A4 (4)	M	Panasonic CR-584-B (12X)	M	NT WKS V4.0	Pass
	Maxtor 83201A6 (4)	M	Micropolis 4525A (4)	M	NT Server V3.51	Pass
			Philips PCA163CD (16X)	S	Chinese (Traditional)	
	Maxtor 83201A6 (4)	M	Iomega Z100iDE ZIP	M	NT Server V3.51	Pass
			Philips PCA163CD (16X)	S	Chinese (Traditional)	
	Maxtor 83500A8 (4)	M	Funai E2950UA (16X)	M	NT Server V3.51	Pass
	WD WDAC31600 (4)	S			Japanese (PCAT)	
	Maxtor 84000A6 (4)	M	Quantum CY4335AT (4)	M	NT Server V4.0	Pass
			Teac CD-524E (24X)	S		
	Maxtor 85120A8 (4)	M	NEC CDR-1600A (16X)	M	NT WKS V3.51	Pass
	WD AC22500 (4)	S				
	Micropolis 4540A (4)	M	Vuego CD616A (18X)	M	NT Server V3.51	Pass
					Chinese (Traditional)	
	Micropolis 4550A (4)	M	Quantum ST6480AT (DMA33)	M	NT WKS V3.51	Pass
	Seagate ST33240A (4)	S	Wearnes CDD1620 (16X)	S		
	NEC DSE2100A (4)	M	Vuego CD616A (18X)	M	NT WKS V4.0	Pass
					Chinese (Traditional)	
	NEC DSE2100A (4)	M	Acer CD616A (18X)	M	NT WKS V4.0	Pass
					Chinese (Traditional)	
	Quantum SR1700AT (4)	M	Sony CDU511 (16X)	M	NT WKS V3.51	Pass
	Quantum SR2550AT (4)	M	Pioneer DR-A12X (12X)	M	NT Server V4.0	Pass
					Chinese (Traditional)	
	Quantum TM2110AT (4)	M	BTC BCD16XA (16X)	M	NT WKS V4.0	Pass
	Quantum ST3240AT (DMA33)	S				
	Quantum TM3200AT (4)	M	Teac CD-516E (16X)	M	NT WKS V3.51	Pass
	Quantum TM3840AT (4)	M	Philips PCA203CD (20X)	M	NT Server V3.51	Pass
	Quantum ST2160AT (DMA33)	M	BTC BCD24X (24X)	M	NT WKS V4.0	Pass
	Maxtor 83500A8 (4)	S			Japanese (PCAT)	
	Quantum ST4320AT (DMA33)	M	Maxtor 72004AP (4)	M	NT WKS V4.0	Pass
			Creative CD1220E (12X)	S		
	Quantum ST4320AT (DMA33)	M	Fujitsu M2541BE02 (M.O.)	M	NT WKS V4.0	Pass
			Cyber 160D (16X)	S		
	Seagate ST31277A (4)	M	Panasonic CR-585-B (24X)	M	NT Server V4.0	Pass
	WD WDAC31600 (4)	S			Chinese (Traditional)	
	Seagate ST32132A (4)	M	Mitsumi CRMC-FX120T (12X)	M	NT Server V3.51	Pass
	Seagate ST32531A (4)	M	Sony CDU571 (16X)	M	NT Server V4.0	Pass
					Japanese (PCAT)	

IDE Controller						
Card Type	Primary IDE		Secondary IDE		O.S. Environment	Status
On-board IDE(PCI)	Seagate ST52520A (4)	M	Mitsumi CRMC-FX140S2 (14X)	M	NT Server V4.0	Pass
	Samsung WNR-31601A (4) Maxtor 83062A7 (4)	M S	Maxtor 83500D4 (DMA33) Hitachi CDR8130 (18X)	M S	NT Server V3.51 Chinese (Traditional)	Pass
	WD WDAC31600 (4)	M	WD WDAC33100 (4) Vuego CD624A (24X)	M S	NT WKS V4.0	Pass
	WD AC32500 (4)	M	Pioneer DR-A24X (24X)	M	NT WKS V3.51	Pass
	WD WDAC33100 (4)	M	Vuego CD624A (24X)	M	NT WKS V3.51 Chinese (Traditional)	Pass
	WD AC34000 (4)	M	DCS C706A (16X)	M	NT WKS V3.51 Chinese (Traditional)	Pass
SCSI Disk Controllers						
Card Type	Card Model	H.D.D.	CD-ROM	O.S. Environment	Status	
SCSI (ISA)	Adaptec AHA-1530P Rev.C (BIOS:V1.03)	Seagate ST15150N	NEC CDR-1610A	NT Server V3.51	Pass	
	Adaptec AHA-1542CF Rev.C (BIOS:V2.02)	Seagate ST32155N	NEC CDR-1610A	NT WKS V4.0	Pass	
	Adaptec AHA-1542CP Rev.B (BIOS:V1.02)	Quantum HN4550S	NEC CDR-512	NT WKS V4.0	Pass	
SCSI (PCI)	ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)	WD WDE2170W Seagate ST32155W * 2	Plextor PX-20TSi	NT Server V4.0	Pass	
	ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)	Quantum HN9100S	NEC CDR-512	NT Server V4.0 Japanese (PCAT)	Pass	
	ASUS PCI-SC860 Rev.1.01 (BIOS:V4.03)	Quantum TM3200S	On-board Adaptec AIC-7880P Plextor PX-20TSi	NT Server V5.0 Beta 1	Pass	
	ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)	Fujitsu M2954QAU	NEC CDR-1410A	NT Server V4.0	Pass	
	Adaptec AHA-2940AU Rev.A (BIOS:V1.21)	Seagate ST32550N	Plextor PX-12TSi	NT WKS V4.0	Pass	
	Adaptec AHA-2940UW Rev.C (BIOS:V1.24)	Seagate ST32155W	NEC CDR-1410A	NT Server V4.0	Pass	
	Adaptec AHA-3940 Rev.B (BIOS:V1.12)	Seagate ST52160N	Plextor PX-12TSi	NT Server V3.51	Pass	
	Adaptec AHA-3940UW Rev.A (BIOS:V1.24)	Seagate ST32550W	Plextor PX-12TSi	NT Server V3.51	Pass	
	Adaptec AHA-3940W Rev.D (BIOS:V1.12)	Seagate ST15150W Seagate ST32550W * 2	NEC CDR-1410A	NT WKS V3.0 Chinese (Traditional)	Pass	
	Adaptec AHA-3985 Rev.A (BIOS:V1.5)	Seagate ST31055N	Plextor PX-12TSi	NT Server V3.51	Pass	
	Adaptec AHA-3985W Rev.A (BIOS:V1.50)	Seagate ST15150W	Plextor PX-12TSi	NT Server V3.51	Pass	
	AdvanSys ABP-930UA Rev.1 (BIOS:V2.8C)	Seagate ST32550N	Plextor PX-20TSi	NT Server V4.0	Pass	
	AdvanSys ABP-940UA Rev.A (BIOS:V2.6L)	Quantum TM3200S	NEC CDR-502	NT Server V4.0 Chinese (Traditional)	Pass	
	ATTO Vantage PCI (BIOS:V1.50)	Seagate ST34501W	NEC CDR-1410A	NT Server V4.0 NT Server V4.0 Chinese (Traditional)	Pass	
	Buslogic BT930 Rev.A (BIOS:V1.41d)	NEC DSE2550S	NEC CDR-1410A	NT Server V3.51	Pass	
	Buslogic BT932 Rev.A (BIOS:V1.41d)	Quantum HN4550S	Plextor PX-12TSi	NT WKS V4.0	Pass	
	Buslogic BT948C Rev.Ab (BIOS:V4.96F)	Micropolis 4341NS	Plextor PX-20TSi	NT WKS V3.51	Pass	
	Buslogic BT956C Rev.A (BIOS:V4.96F)	WD WDE4360	Plextor PX-20TSi	NT WKS V4.0	Pass	
	DPT PM2144UW (BIOS:V003.DS)	IBM DCAS-34330W	Panasonic CR-506-B	NT Server V4.0	Pass	
	Initio INI-9100U Rev.D (BIOS:V1.02)	Fujitsu M2952SYU	Panasonic CR-506-B	NT WKS V4.0	Pass	
	Initio INI-9100UW Rev.D (BIOS:V1.02)	Quantum HN9100SW	Plextor PX-12TSi	NT WKS V3.51	Pass	

SCSI Disk Controllers							
Card Type	Card Model	H.D.D.	CD-ROM	O.S. Environment	Status		
SCSI (PCI)	Promise SCSI MAX Rev.B (BIOS:V3.07)	Seagate ST34501W	Panasonic CR-506-B	NT Server V5.0 Beta 1	Pass		
	Promise SCSI ULTRA Rev.B (BIOS:V4.03)	Micropolis 4345WAV	Plextor PX-12TSi	NT Server V4.0 Chinese (Traditional)	Pass		
	WDC WD7197 RevB (BIOS:V172)	Quantum HN2275W	Plextor PX-83CS	NT Server V4.0	Pass		
	On-board Adaptec AIC-7880P	Seagate ST34371W	Plextor PX-20TSi	NT Server V4.0	Pass		
		Seagate ST51080N	Plextor PX-20TSi	NT Server V4.0	Pass		
		WD WDE9100W	On-board IDE Acer CD616A	NT Server V4.0 Chinese (Traditional)	Pass		
RAID Disk Controllers							
Card Type	Card Model	H.D.D.	CD-ROM	O.S. Environment	Status		
SCSI (PCI)	ASUS PCI-DA2100 Rev.3A (BIOS:V1.13B)	Quantum HN2275SW * 3	On-board Adaptec AIC-7880P NEC CDR-502	NT Server V4.0	Pass		
	DPT PM3334UW (BIOS:V003.DS)	Seagate ST32155W * 2	Panasonic CR-506-B	NT WKS V4.0 Japanese (PCAT)	Pass		
Graphic Adapters							
Card Type	Card Model	Peripheral Device	O.S. Environment	Status	Remark		
VGA (PCI)	On-board S3 Trio64V2/DX	On-board AIC-7800P WD WDE4360W	NT WKS V4.0	Pass	S3 Trio64V2/DX		
Multimedia Kit							
Card Type	Card Model	Peripheral Device	O.S. Environment	Status			
Sound Card	ASUS I-A16C Rev.1.2	On-board IDE Quantum TM2110AT	NT WKS V4.0	Pass			
	Creative Sound Blaster AWE32 PnP	On-board AIC-7800P WD WDE4360W	NT WKS V4.0	Pass			
	Creative Sound Blaster AWE642 PnP	On-board Symbios 53C876 WD WDE4360W	NT WKS V4.0	Pass			
	Creative Sound Blaster ViBRA 16XV	On-board IDE Quantum TM2110AT	NT WKS V4.0	Pass			
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509BTP (Plug and Play)	5	360		NT WKS V4.0	Pass	
	Accton EN166X Rev.02 (Plug and Play)	3	300		NT WKS V3.51 Chinese (Traditional)	Pass	
	Cnet 288PnP Rev.A (Plug and Play)	3	300		NT Server V4.0 Chinese (Traditional)	Pass	
	Cnet 650EPlus Rev.A	5	300		NT WKS V4.0 Chinese (Traditional)	Pass	
	Cnet 888E Rev.1.4	5	300		NT Server V4.0	Pass	
	Digital DE204	5	300		NT Server V3.51 Chinese (Traditional)	Pass	
	HP NC/16TP Rev.D	5	300	7	NT WKS V4.0 Japanese (PCAT)	Pass	
	Intel PCL8205 (Plug and Play)	11	210		NT Server V3.51 Chinese (Traditional)	Pass	
	Novell NE2000Plus-3	5	300		NT WKS V3.51 Chinese (Traditional)	Pass	
Ethernet (PCI)	ASUS PCI-DEC10-TB Rev.A1	Auto	Auto		NT WKS V4.0	Pass	
	ASUS PCI-DEC10-TB+ Rev.B1	Auto	Auto		NT WKS V4.0	Pass	
	3COM 3C590C Rev.14	Auto	Auto		NT Server V4.0	Pass	
	3COM 3C900C Rev.C	Auto	Auto		NT WKS V3.51	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (PCI)	<i>Accton EN1203 Rev.01C</i>	Auto	Auto		NT Server V4.0	Pass	
	<i>Accton EN1208 Rev.01A</i>	Auto	Auto		NT Server V4.0	Pass	
	<i>Compaq NETFLEX-3/P Rev.A</i>	Auto	Auto		NT WKS V4.0	Pass	
	<i>Cogent EM960</i>	Auto	Auto		NT Server V4.0 Japanese (PCAT)	Pass	
	<i>Cogent EM964</i>	Auto	Auto		NT Server V5.0 Beta 1	Pass	
	<i>D-Link DE530CT+ Rev.A1</i>	Auto	Auto		NT WKS V4.0	Pass	
	<i>Digital DE450AC Rev.A01</i>	Auto	Auto		NT Server V4.0 Chinese (Traditional)	Pass	
	<i>IBM PCI Ethernet Rev.B2</i>	Auto	Auto		NT Server V3.51	Pass	
	<i>Intel PILA840X</i>	Auto	Auto		NT WKS V4.0	Pass	
	<i>Proteon P1670-EA</i>	Auto	Auto		NT Server V4.0	Pass	
	<i>SMC 8432BT Rev.A</i>	Auto	Auto		NT Server V3.51	Pass	
	<i>Thomas-Conrad TC5048 Rev.A</i>	Auto	Auto		NT WKS V4.0	Pass	
	<i>Xpoint Quad PeerSwitch Rev.2</i>	Auto	Auto		NT WKS V4.0	Pass	
100BaseTx	<i>ASUS PCI-DEC100TX Rev.01</i>	Auto	Auto		NT WKS V4.0	Pass	
	<i>3COM 3C595TX Rev.B</i>	Auto	Auto		NT WKS V3.51	Pass	
	<i>3COM 3C905TX Rev.B</i>	Auto	Auto		NT WKS V3.51	Pass	
	<i>Accton EN1207 Rev.01</i>	Auto	Auto		NT Server V4.0 Chinese (Traditional) NT Server V4.0 Japanese (PCAT)	Pass	
	<i>Cnet CN100TX</i>	Auto	Auto		NT Server V4.0 Chinese (Traditional)	Pass	
	<i>Cogent EM110TX</i>	Auto	Auto		NT Server V4.0	Pass	
	<i>Cogent EM440TX</i>	Auto	Auto		NT Server V3.51 Chinese (Traditional)	Pass	
	<i>Digital DE500XA</i>	Auto	Auto		NT Server V4.0	Pass	
	<i>Intel PILA8465</i>	Auto	Auto		NT Server V3.51	Pass	
	<i>Intel PILA8465B</i>	Auto	Auto		NT WKS V3.51	Pass	
	<i>Intel PILA8485</i>	Auto	Auto		NT Server V3.51 Chinese (Traditional)	Pass	
	<i>SMC 9332DST</i>	Auto	Auto		NT WKS V3.51 Chinese (Traditional)	Pass	
Token-Ring Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Token-Ring (ISA)	<i>Accton TR1615 Rev.C1</i>	2	A20		NT WKS V3.51	Pass	
	<i>D-Link DT-220P Rev.B1</i>	Auto	Auto		NT WKS V4.0	Pass	
	<i>IBM Auto 16/4 Adapter (Plug and Play)</i>	2	A20		NT WKS V4.0 Chinese (Traditional)	Pass	

Token-Ring Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Token-Ring (ISA)	Intel PCLA815X (Plug and Play)	Auto	210		NT Server V4.0	Pass	
	Olicom OC-3118 Rev.3 (Plug and Play)	Auto	Auto		NT Server V3.51	Pass	
	Proteon P1392Plus Rev.J (Plus and Play)	5	A20	5	NT WKS V4.0	Pass	
Token-Ring (PCI)	Olicom OC-3870 Rev.4	Auto	Auto		NT Server V3.51	Pass	
	Proteon P1690 Rev.B	Auto	Auto		NT Server V3.51	Pass	
	Thomas-Conrad TC4048 Rev.C	Auto	Auto		NT Server V3.51	Pass	
Modem Devices							
Type	Model	Peripheral Device			Application	Status	Remark
Modems (Internal)	Cardinal 28800 internal	NT WKS V4.0			Dial up Internet, Netscape Upload / Download files	Pass	28,800 BPS; COM1
Modems (External)	ADi CommuPack 33600 SVD	NT WKS V4.0			Dial up Internet, Netscape Upload / Download files	Pass	33,600 BPS; COM2
	Hays OPTIMA 288	NT WKS V4.0			Dial up Internet, Explore, Netscape, and Upload / Download files	Pass	28,800 BPS; COM2
	USRobotics Sportster Voice 33.6 Faxmodem	NT WKS V4.0			Dial up Internet, Netscape Upload / Download files	Pass	33,600 BPS; COM2
	ZyXEL U-336E	NT WKS V4.0			Dial up Internet, Netscape Upload / Download files	Pass	33,600 BPS; COM2
ISDN Devices							
Type	Model	Peripheral Device			Application	Status	Remark
Terminal Adapter (External)	ZyXEL Elite 2864I	NT WKS V4.0			Dial up Internet, Netscape Upload / Download	Pass	64,000 BPS
	ZyXEL ISDN Terminal Adapter Omni TA128	NT WKS V4.0			Dial up Internet, Netscape Upload / Download	Pass	64,000 BPS
LS-120 Devices							
Type	Model	O.S. Environment			Status	Remark / Special Setting	
IDE	O.R. Technology FD-3120A	NT Server V4.0			Pass		
M.O. Devices							
Type	Model	O.S. Environment			Status	Remark / Special Setting	
SCSI	Fujitsu Dyna M2513S2B	NT WKS V4.0			Pass		
	Fujitsu TeraSys M2513A6	NT Server V5.0 Beta 1			Pass		
	Mitsubishi MCA640	NT WKS V4.0			Pass		
IDE	Fujitsu M2541BE02	NT WKS V4.0 NT Server V4.0 Chinese (Traditional)			Pass		
Removable HDD Devices							
Type	Model	O.S. Environment			Status	Remark / Special Setting	
SCSI	Iomega V1000Si JAZ	NT Server V4.0 Chinese (Traditional)			Pass		
	Iomega V1000S JAZ	NT WKS V4.0			Pass		
	SyQuest SyJet Internal 1.5G	NT Server V5.0 Beta 1			Pass		
	SyQuest SyJet1SE 1.5G	NT Server V5.0 Beta 1			Pass		

Tape Devices				
Type	Model	O.S. Environment	Status	Remark / Special Setting
SCSI	Archive Python 28388	NT WKS V4.0	Pass	
	Exabyte EXB2501	NT WKS V4.0	Pass	
ZIP Devices				
Type	Model	O.S. Environment	Status	Remark / Special Setting
SCSI	lomega Z100S2	NT Server V4.0 Chinese (Traditional)	Pass	
IDE	lomega Z100iDE	NT Server V3.51 Chinese (Traditional)	Pass	

3.3 Field (stress) Test for Networking Environment

Test Type	Windows NT Server V5.0 Beta 1 test		
Configuration	Intel P6-200 * 2 + 128MB(EDO 32MB * 2 + 32MB * 2) + 256KB(Internal) + Promise SCSIMAX + Seagate ST34501W + Panasonic CR-506-B CD-ROM + On-board S3 Trio64V2/DX + Microsoft Serial Mouse		
	1 * Server (NT Server V5.0 Beta 1)		
Test Procedure	Server (NT Server V5.0 Beta 1): Run multitasking programs.		
Result	Pass	Duration	17 Hours
Test Type	Windows NT Workstation V4.0 test		
Configuration	Intel Pentium II-266 * 2 + 128MB(32MB * 4) + 512KB(Internal) + On-board IDE + WD WDAC31600 + WD WDAC33100 + Vuego CD624A CD-ROM + On-board S3Trio64 V2/DX + HP J3171 + Logitech Serial Mouse		
	1 * Workstation (NT WKS V4.0)		
	1 * Server (NT Server V4.0)		
Test Procedure	Workstation (NT WKS V4.0): Run multitasking programs, network I/O test. Server (NT Server V4.0): Allows other user to log-on and connect.		
Result	Pass	Duration	12 Hours
Test Type	Windows NT Server V4.0 Soft RAID and Web Server test		
Configuration	Intel P6-200 * 2 + 64MB(EDO 32MB * 2) + 256KB(Internal) + On-board AIC-7880P + WD WDE2170W + On-board Symbios 53C876 + WD WDE4360 + On-board IDE + Acer CD616A CD-ROM + On-board S3 Trio64V2/DX + Intel PILA8465B + Logitech Serial Mouse		
	2 * Servers (NT Server V4.0)		
Test Procedure	Server (NT Server V4.0): Create NT Soft system volume MIRROR set, install internet information Server(Web Server) to allow foreign connection. run multitasking programs, network I/O test. Server (NT Server V4.0): Allows other user to log-on and connect.		
Result	Pass	Duration	21 Hours
Test Type	Windows NT Server V4.0 Japanese (PCAT) test		
Configuration	Intel P6-200 * 2 + 64MB(EDO 32MB * 2) + 256KB(Internal) + On-board Symbios 53C876 + WD WDE4360W + On-board Adaptec AIC-7880P + WD WDE2170W + On-board IDE + Acer CD616A CD-ROM + On-board S3 Trio64V2/DX + Intel PILA8465B + Logitech PS/2 Mouse		
	Server (NT Server V4.0 Japanese (PCAT))		
	Server (NT Server V4.0)		
Test Procedure	Server (NT Server V4.0 Japanese (PCAT)): Create NT Soft data volumes VOLUME set, run multitasking programs, network I/O test. Server (NT Server V4.0): Allows other user to log-on and connect.		
Result	Pass	Duration	135 Hours

Test Type	Windows NT Server V4.0 test		
Configuration	Intel P6-200 * 2 + 64MB(EDO 32MB * 2) + 256KB(Internal) + On-board Adaptec AIC-7880P + Seagate ST34371W + Plextor PX-83CS CD-ROM + On-board S3 Trio64V2/DX + 3COM 3C590C + Microsoft Serial Mouse + Seagate ST34501W * 4 2 * Servers (NT Server V4.0)		
Test Procedure	Server (NT Server V4.0): Create I2O devices with NT soft data volume STRIPPING set with parity, run multitasking programs, network I/O test. Server (NT Server V4.0): Allows other user to log-on and connect.		
Result	Pass	Duration	12 Hours
Test Type	Windows NT Server V4.0 (Chinese Traditional) test		
Configuration	Intel P6-200 * 2 + 64MB(EDO 32MB * 2) + 256KB(Internal) + On-board Adaptec AIC-7880P + WD WDE9100W + On-board Symbios 53C876 + WD WDE9100W + On-board S3 Trio64V2/DX + Intel P1A8465B + Microsoft Serial Mouse 1 * Server (NT Server V4.0 Chinese (Traditional)) 1 * Server (NT Server V4.0)		
Test Procedure	Server (NT Server V4.0 Chinese (Traditional)): Create NT soft data volume STRIPPING set , run multitasking programs, network I/O test. Server (NT Server V4.0): Allows other user to log-on and connect.		
Result	Pass	Duration	37 Hours

4. IBM OS/2 Operating System Test

4.1 Software Compatibility Test

O.S. Name	Version	Publisher	Status	Hardware Configuration / Hard Disk & Controller
IBM OS/2 WARP Connect	V3.0	IBM	Pass	
IBM OS/2 WARP Connect Chinese (Traditional)	V3.0	IBM	Pass	
IBM OS/2 WARP	V4.0	IBM	Pass	
IBM OS/2 WARP Chinese (Traditional)	V4.0	IBM	Pass	
IBM OS/2 WARP Server	V4.0	IBM	Pass	
IBM OS/2 WARP Server SMP	V4.0	IBM	Pass	

4.2 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 MPA1636TAU (4) Mitsumi CRMC-FX140S2 (14X)	M S	Maxtor 84000A6 (4)	M	OS/2 WARP Connect V3.0 Chinese (Traditional)	Pass
	Fujitsu MPA3017AT (4) Funai E2950UA (16X)	M S	Quantum SR1700AT (4) Maxtor 83500A8 (4)	M S	OS/2 WARP V4.0	Pass
	IBM DAQA-32160 (4) Mitsumi CRMC-FX140S2 (14X)	M S	IBM DHEA-38451 (DMA33)	M	OS/2 WARP V4.0	Pass
	IBM DHEA-34330 (DMA33) IBM DJAA-31700 (4)	M S	Philips PCA203CD (20X)	M	OS/2 WARP V4.0	Pass
	IBM DHEA-38451 (DMA33) Maxtor 83500D4 (DMA33)	M S	Teac CD-516E (16X)	M	OS/2 WARP V4.0	Pass
	Maxtor 72004AP (4)	M	NEC DSE2100A (4) DCS C706A (16X)	M S	OS/2 WARP Connect V3.0	Pass
	Maxtor 82560A4 (4) WD AC22500 (4)	M S	Cyber 160D (16X)	M	OS/2 WARP V4.0	Pass
	Maxtor 82560D3 (DMA33) Maxtor 83500 D4 (DMA33)	M S	IBM DHEA-38451 (DMA33) Vuego CD624A (24X)	M S	OS/2 WARP V4.0 Chinese (Traditional)	Pass
	Maxtor 83062A7 (4) Sony CDU571 (16X)	M S	IBM DHEA-38451 (DMA33) Seagate ST32132A (4)	M	OS/2 WARP V4.0	Pass
	Maxtor 83500A8 (4) Fujitsu MPA3017AT (4)	M S	Quantum SR1700AT (4) Funai E2950UA (16X)	M S	OS/2 WARP V4.0	Pass
	Maxtor 84000A6 (4) Panasonic CR-585-B (24X)	M S	Fujitsu MPA3017AT (4)	M	OS/2 WARP V4.0	Pass
	Maxtor 85250D6 (DMA33) Seagate ST32132 A (4)	M S	NEC DSE2100A (4) Teac CD-524E (24X)	M S	OS/2 WARP V4.0	Pass
	Micropolis 4540A (4) IBM DJAA-31700 (4)	M S	Quantum ST2160AT (DMA33) NEC CDR-1800A (24X)	M S	OS/2 WARP V4.0	Pass
	NEC DSE2100A (4) Maxtor 72004AP (4)	M S	NEC CDR-CC24 (24X)	M	OS/2 WARP V4.0	Pass
	Quantum BF2550AT (4) Sony CDU511 (16X)	M S	Fujitsu MPA3017AT (4)	M	OS/2 WARP Connect V3.0	Pass
	Quantum CY4335AT (4) Quantum SR2550AT (4)	M S	Philips PCA203CD (20X)	M	OS/2 WARP V4.0	Pass
	Quantum SR1700AT (4) Maxtor 83500A8 (4)	M S	NEC CDR-1800A (24X) Fujitsu MPA3017AT (4)	M S	OS/2 WARP V4.0	Pass

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)	Quantum SR2550AT (4) Fujitsu MPA3017AT (4)	M S	Philips PCA203CD (20X)	M	OS/2 WARP V4.0	Pass	
	Quantum TM3200AT (4) Acer CD616A (18X)	M S	Seagate ST32531A (4)	M	OS/2 WARP V4.0	Pass	
	Quantum TM3840AT (4) IBM DJAA-31700 (4)	M S	NEC CDR-1600A (16X)	M	OS/2 WARP V4.0	Pass	
	Quantum ST2160AT (DMA33) Maxtor 83500A8 (4)	M S	Teac CD-524E (24X) Seagate ST31277A (4)	M S	OS/2 WARP V4.0	Pass	
	Quantum ST6480A (DMA33) IBM DJAA-31700 (4)	M S	Micropolis 4540A (4) NEC CDR-1800A (24X)	M S	OS/2 WARP V4.0	Pass	
	Samsung WNR-31601A (4) Fujitsu M1636TAU (4)	M S	Vuego CD624A (24X)	M	OS/2 WARP Connect V3.0	Pass	
	Seagate ST31277A (4) Maxtor 83500A8 (4)	M S	Teac CD-524E (24X)	M	OS/2 WARP Server V4.0	Pass	
	Seagate ST32122A (DMA33) Quantum TM3200AT (4)	M S	Quantum CY4335AT (4) Philips PCA243CD (24X)	M S	OS/2 WARP V4.0	Pass	
	Seagate ST32531A (4) Fujitsu MPA1636TAU (4)	M S	Mitsumi CRMC-FX140S2 (14X) Maxtor 84000A6 (4)	M S	OS/2 WARP Server V4.0	Pass	
	Seagate ST52520A (4) Seagate ST32132A (4)	M S	Pioneer DR-A12X (12X)	M	OS/2 WARP V4.0	Pass	
	WD WDAC22100 (4) Quantum TM2110AT (4)	M S	Cyber 160D (16X)	M	OS/2 WARP V4.0	Pass	
	WD WDAC31600 (4) Maxtor 83201A6 (4)	M S	Maxtor 72004AP (4) Sony CDU511 (16X)	M S	OS/2 WARP V4.0	Pass	
	WD AC32500 (4) Quantum TM3840AT (4)	M S	NEC CDR-1800A (24X)	M	OS/2 WARP Connect V3.0	Pass	
	WD WDAC33100 (4) Maxtor 83201A6 (4)	M S	Maxtor 72004AP (4) Sony CDU511 (16X)	M S	OS/2 WARP V4.0	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)	Quantum TM3200S	Panasonic CR-506-B	OS/2 WARP V4.0	Pass		
	Adaptec AHA-1542CP Rev.B (BIOS:V1.02)	Seagate ST32550N	NEC CDR-1410A	OS/2 WARP V4.0 Chinese (Traditional)	Pass		
SCSI (PCI)	On-board Adaptec AIC-7880P (BIOS:V1.24)	Quantum HN2275SW	Pioneer DR-U12X	OS/2 WARP Server SMP V4.0	Pass		
	On-board SC876 (BIOS:V4.03)	Micropolis 4341NS	NEC CDR-1410A	OS/2 WARP Connect V3.0	Pass		
	ASUS PCI-DA2100 Rev.3A (BIOS:V1.13B)	IBM DCAS-32160W Quantum HN2275SW * 2 Quantum VK4550SW	NEC CDR-1610A	OS/2 WARP Connect V3.0	Pass		
	ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)	NEC DSE2550S	NEC CDR-1610A	OS/2 WARP Connect V3.0	Pass		
	ASUS PCI-SC860 Rev.1.01 (BIOS:V4.03)	Quantum TM2110S	NEC CDR-1410A	OS/2 WARP Connect V3.0	Pass		
	ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)	Seagate ST34371W	Plextor PX-20TSi	OS/2 WARP Server V4.0	Pass		
	Adaptec AHA-2940AU Rev.A (BIOS:V1.21)	Seagate ST32550N	NEC CDR-1410A	OS/2 WARP V4.0	Pass		
	Adaptec AHA-2940UW Rev.C (BIOS:V1.24)	Seagate ST32550W	Plextor PX-12TSi	OS/2 WARP Server V4.0	Pass		
	Adaptec AHA-3940UW Rev.A (BIOS:V1.24)	Quantum HN2275SW	NEC CDR-1410A	OS/2 WARP Server SMP V4.0	Pass		
	AdvanSys ABP-930UA Rev.1 (BIOS:V2.8C)	IBM DCAS-34330	Panasonic CR-506-B	OS/2 WARP Server V4.0	Pass		
	AdvanSys ABP-940U Rev.A (BIOS:V2.6L)	Micropolis 4345AV	NEC CDR-1410A	OS/2 WARP V4.0	Pass		
	Buslogic BT930 Rev.A (BIOS:V1.40e)	Seagate ST52160N	Plextor PX-20TSi	OS/2 WARP Connect V3.0	Pass		
	Buslogic BT932 Rev.A (BIOS:V1.40e)	WD WDE2170	Panasonic CR-506-B	OS/2 WARP Connect V3.0	Pass		
	Buslogic BT948C Rev.Ab (BIOS:V4.95L)	Seagate ST32155N	NEC CDR-1610A	OS/2 WARP V4.0 Chinese (Traditional)	Pass		

SCSI Disk Controllers							
Card Type	Card Model	H.D.D.			CD-ROM	O.S. Environment	Status
SCSI (PCI)	DPT PM2144UW (BIOS:V003.DS)	Quantum HN9100S			Plextor PX-12TSi	OS/2 WARP Connect V3.0	Pass
	DPT PM3334UW (BIOS:V003.DS)	Seagate ST32155W * 3			NEC CDR-1610A	OS/2 WARP Server V4.0	Pass
	Initio INI-9100U Rev.D (BIOS:V1.02)	Seagate ST32155N			Pioneer DR-U24X	OS/2 WARP Server SMP V4.0	Pass
	Initio INI-9100UW Rev.E (BIOS:V1.02)	Micropolis 4345AV			Pioneer DR-U12X	OS/2 WARP V4.0	Pass
	Promise SCSI MAX Rev.B (BIOS:V3.07)	NEC DSE2550S			NEC CDR-1410A	OS/2 WARP Connect V3.0	Pass
	Promise SCSI ULTRA Rev.B (BIOS:V4.03)	Micropolis 4341NS			NEC CDR-1610A	OS/2 WARP Connect V3.0	Pass
	WDC WD7197 Rev.B (BIOS:V172)	NEC DSE2550S			Pioneer DR-U12X	OS/2 WARP Connect V3.0	Pass
Graphic Adapters							
Card Type	Card Model	Peripheral Device			O.S. Environment	Status	Remark
VGA (PCI)	On-board S3-Trio64V2/DX	On-board IDE Quantum CY4335AT			OS/2 WARP V4.0	Pass	S3 Trio64V2/DX
Multimedia Kit							
Card Type	Card Model	Peripheral Device			O.S. Environment	Status	Remark
Sound Card	ASUS I-A16C Rev.1.2	INI9100UW Micropolis 4345AV			OS/2 WARP V4.0	Pass	
	Creative Sound Blaster 32 PnP	AHA-2940AU Seagate ST32550N			OS/2 WARP V4.0	Pass	
	Creative Sound Blaster AWE32 PnP	INI9100UW Micropolis 4345AV			OS/2 WARP V4.0	Pass	
	Arvin AudioMagic - PnP Rev.2.1	DPT PM2144UW Quantum HN9100S Plextor PX-12TSi			OS/2 WARP Connect V3.0	Pass	
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509B-TP (Plug and Play)	5	360		OS/2 WARP Connect V3.0	Pass	
	Digital DE204	5	300		OS/2 WARP V4.0	Pass	
	Intel PCL8205	Auto	Auto		OS/2 WARP V4.0	Pass	
	Novell NE2000Plus-3	5	300		OS/2 WARP V4.0	Pass	
Ethernet (PCI)	3COM 3C590C Rev.14	Auto	Auto		OS/2 WARP V4.0	Pass	
	ASUS PCI-DEC10-TB+ Rev.B1	Auto	Auto		OS/2 WARP V4.0	Pass	
	Accton EN1203 Rev.01C	Auto	Auto		OS/2 WARP V4.0	Pass	
	Accton EN1208 Rev.01A	Auto	Auto		OS/2 WARP Server V4.0	Pass	
	Compaq NETFLEX-3/P Rev.A	Auto	Auto		OS/2 WARP V4.0	Pass	
	Cogent EM960	Auto	Auto		OS/2 WARP Server V4.0	Pass	
	Cogent EM964	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	Digital DE450AC Rev.A01	Auto	Auto		OS/2 WARP V4.0	Pass	
	D-Link DE-530CT+ Rev.A1	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	IBM PCI Ethernet Rev.B2	Auto	Auto		OS/2 WARP V4.0	Pass	
	Intel PILA840X	Auto	Auto		OS/2 WARP Connect V3.0 Chinese (Traditional)	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (PCI)	<i>Proteon P1670-EA</i>	Auto	Auto		OS/2 WARP V4.0	Pass	
	<i>SMC 8432BT Rev.A</i>	Auto	Auto		OS/2 WARP V4.0	Pass	
	<i>Thomas-Conrad TC5048 Rev.A</i>	Auto	Auto		OS/2 WARP V4.0	Pass	
100BaseTx	<i>3COM 3C595TX Rev.B</i>	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	<i>3COM 3C905TX Rev.B</i>	Auto	Auto		OS/2 WARP Server SMP V4.0	Pass	
	<i>ASUS PCI-DEC100TX Rev.01</i>	Auto	Auto		OS/2 WARP V4.0 Chinese (Traditional)	Pass	
	<i>Accton EN1207 Rev.01</i>	Auto	Auto		OS/2 WARP Server SMP V4.0	Pass	
	<i>CNET CN100TX</i>	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	<i>Cogent EM110TX</i>	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	<i>Digital DE500XA</i>	Auto	Auto		OS/2 WARP V4.0	Pass	
	<i>Intel PILA8465</i>	Auto	Auto		OS/2 WARP Server SMP V4.0	Pass	
	<i>Intel PILA8465B</i>	Auto	Auto		OS/2 WARP Server SMP V4.0	Pass	
	<i>SMC 9332DST</i>	Auto	Auto		OS/2 WARP Server V4.0	Pass	
Token-Ring Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Token-Ring (ISA)	<i>Accton TR1615 Rev.C1</i>	2	A20		OS/2 WARP Server SMP V4.0	Pass	
	<i>D-Link DT-220P</i>	2	A20		OS/2 WARP Connect V3.0	Pass	
	<i>IBM Auto 16/4 Adapter (Plug and Play)</i>	Auto	Auto		OS/2 WARP Server SMP V4.0	Pass	
	<i>Intel PCLA815X (Plug and Play)</i>	Auto	Auto		OS/2 WARP V4.0 Chinese (Traditional)	Pass	
	<i>Olicom OC-3118 Rev.3 (Plug and Play)</i>	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	<i>Proteon P1392Plus Rev.J (Plus and Play)</i>	5	A20	5	OS/2 WARP Connect V3.0	Pass	
	<i>Thomas-Conrad TC4145-C (Plug and Play) Rev.A</i>	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
Token-Ring (PCI)	<i>Olicom OC-3870 Rev.4</i>	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	<i>Proteon P1690 Rev.B</i>	Auto	Auto		OS/2 WARP Connect V3.0	Pass	
	<i>Thomas-Conrad TC4048 (Plug and Play) Rev.A</i>	Auto	Auto		OS/2 WARP V4.0	Pass	
Modem Devices							
Type	Model	O.S. Environment		Application		Status	Remark
Modems (Internal)	<i>Cardinal 28800 internal</i>	OS/2 WARP V4.0		IBM Dial-Up for TCP/IP FTP-PM Upload / Download		Pass	28,800 BPS COM1
Modems (External)	<i>ADI CommuPack 33600SVD</i>	OS/2 WARP V4.0		IBM Dial-Up for TCP/IP FTP-PM Upload / Download		Pass	33,600 BPS COM2
	<i>Hayes OPTIMA 288</i>	OS/2 WARP V4.0		IBM Dial-Up for TCP/IP FTP-PM Upload / Download		Pass	28,800 BPS COM2
	<i>USRobotics Sportster Vi</i>	OS/2 WARP V4.0		IBM Dial-Up for TCP/IP FTP-PM Upload / Download		Pass	33,600 BPS COM2
	<i>ZYXEL U-336E</i>	OS/2 WARP V4.0		IBM Dial-Up for TCP/IP FTP-PM Upload / Download		Pass	33,600 BPS COM2

ZIP Devices				
Type	Model	O.S. Environment	Status	Remark / Special Setting
SCSI	<i>lomega Z100S2</i>	OS/2 WARP V4.0	Pass	
	<i>lomega V1000S JAZ</i>	OS/2 WARP Server V4.0	Pass	
	<i>lomega V1000Si JAZ</i>	OS/2 WARP Server SMP V4.0	Pass	
Parallel	<i>lomega Z100P2</i>	OS/2 WARP Server SMP V4.0	Pass	
Removable HDD Devices				
Type	Model		Status	Remark / Special Setting
SCSI	<i>Fujitsu Dyna M2513S2B</i>	OS/2 WARP V4.0	Pass	
	<i>Mitsubishi MCA640</i>	OS/2 WARP V4.0	Pass	
	<i>SyQuest SyJet Internal 1.5G</i>	OS/2 WARP Connect V3.0	Pass	
	<i>SyQuest SyJet1SE 1.5G</i>	OS/2 WARP Connect V3.0	Pass	

4.3 Field (stress) Test For Networking Environment

Test Type	IBM OS/2 WARP Server SMP V4.0 test		
Configuration	Intel Pentium II-300 * 2 + 48MB(EDO 16MB * 2 + 8MB * 2) + 512KB(Internal) + On-board Adaptec AIC-7880P + Quantum HN2275SW + Pioneer DR-U12X CD-ROM + On-board S3 Trio64V2/DX + 3COM 3C905TX + Logitech MouseMan		
	1 * Server (OS/2 WARP Server V4.0) 1 * Client (OS/2 WARP V4.0)		
Test Procedure	Server : Run multitasking program and network I/O test. Client : Run multitasking program and get data transfer between Server and client.		
Result	Pass	Duration	18 Hours
Test Type	IBM OS/2 WARP V4.0 test		
Configuration	Intel P6-180 + 96MB(32MB * 2 + 16MB * 2) + 256KB(Internal) + On-board IDE + IBM DHEA-34330 + IBM DJAA-31700 + Philips PCA203CD CD-ROM + On-board S3 Trio64V2/DX + 3COM 3C590C		
	1 * Server (OS/2 WARP Server V4.0) 1 * Client (OS/2 WARP V4.0)		
Test Procedure	Run multitasking program on both peer side to add computer loading and do data transfer between each of them.		
Result	Pass	Duration	14 Hours
Test Type	IBM OS/2 WARP V4.0 CTK test		
Configuration	Intel Pentium II-300 + 48MB(EDO 16MB * 2 + 8MB * 2) + 512KB(Internal) + On-board Adaptec AIC-7880P + Seagate ST34501W + NEC CDR-1610A CD-ROM + On-board S3 Trio64V2/DX + Logitech MouseMan		
	1 * Peer (OS/2 WARP V4.0)		
Test Procedure	Run stress test items.		
Result	Pass	Duration	6 Hours

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
NetWare 386	V3.12	Novell	Pass	
Netware	V4.1	Novell	Pass	
Netware	V4.11	Novell	Pass	
Netware SFT3	V4.11	Novell	Pass	

5.1.2 Application Software Compatibility

Network Backup					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
ARCserve for NetWare	V6.1	Cheyenne	NetWare V4.11	Pass	
NFS Service					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
NetWare NFS Service (NW4 Edition)	V2.1	Novell	NetWare V4.1	Pass	
Web Server					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
NetWare Web Server	V2.51	Novell	NetWare V4.11	Pass	
NetWare Web Server	V3.0	Novell	NetWare V4.11	Pass	
Network Benchmark					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
NetBench	V5.01	Ziff-Davis	NetWare V4.11	Pass	
ServerBench for NetWare V4.X	V3.0	Ziff-Davis	NetWare V4.11	Pass	

5.2 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)	IBM DHEA-34330 (DMA33)	M	None		NetWare V4.11	Pass
	Funai E2950UA (16X)	S				
	Quantum ST2160AT (DMA33)	M	Wearnes CDD1620 (16X)	M	NetWare V4.11	Pass
	Micropolis 4550A (4)	M	Panasonic CR-585-B (24X)	M	NetWare V4.11	Pass
	Quantum ST6480AT (DMA33)	M	Sony CDU571 (16X)	M	NetWare V4.11	Pass
	Samsung WNR-31601A (4)	M	Teac CD-524E (24X)	M	NetWare V4.11	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)	Maxtor MX9217SSN	None	NetWare V3.12	Pass	
	Adaptec AHA-1542CP Rev.B (BIOS:V1.02)	IBM DCAS-34330	Panasonic CR-506-B	NetWare V4.1	Pass	
SCSI (PCI)	ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)	Seagate ST34501N	Toshiba XM-5701B	NetWare V4.11	Pass	
	ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)	Fujitsu M2952QAU	None	NetWare V3.12	Pass	

SCSI Disk Controllers								
Card Type	Card Model	H.D.D.			CD-ROM	O.S. Environment	Status	
SCSI (PCI)	Adaptec AHA-2940UW Rev.F (BIOS:V1.23)	WD WDE4360			Plextor PX-20TSi	NetWare V4.11	Pass	
	Adaptec AHA-3940UW Rev.B (BIOS:V1.23)	Quantum HN4550SW Quantum HN2275SW			None	NetWare V4.1	Pass	
	AdvanSys ABP-930UA Rev.1 (BIOS:V2.8.0)	IBM DCAS-34330			None	NetWare V3.12	Pass	
	AdvanSys ABP-940U Rev.2 (BIOS:V2.2.6)	Quantum TM3200S			None	NetWare V3.12	Pass	
	Buslogic BT932 Rev.A (BIOS:V1.40e)	Seagate ST19190N			NEC CDR-1810A	NetWare V4.11	Pass	
	Buslogic BT948C Rev.Ab (BIOS:4.95L)	IBM DCAS-34330			None	NetWare V3.12	Pass	
	Buslogic BT950C Rev.A (BIOS:V1.41d)	Fujitsu M2952QAU			None	NetWare V3.12	Pass	
	DPT PM2144UW (BIOS:V003.DS)	Seagate ST19190W			Teac CD-516S	NetWare V4.11	Pass	
	Initio INI-9100UW Rev.E (BIOS:1.02)	WD WDE4360W			Panasonic CR-506-B	NetWare V4.11	Pass	
	On-board Adaptec AIC-7880P Rev.B (BIOS:V1.24)	WD WDE4360W WD WDE9100W			None	NetWare V4.1 NetWare V4.11	Pass	
	On-board Symbios 53C876 (BIOS:V4.03)	WD WDE4360W WD WDE9100W IBM DCAS-32160			None Toshiba XM-5701B	NetWare V4.1 NetWare V4.11	Pass	
RAID Controllers								
Card Type	Card Model	H.D.D.			CD-ROM	O.S. Environment	Status	
RAID Controller	Adaptec AAA-133 Rev.A (BIOS:V1.5)	WD WDE4360W * 3			None	NetWare V4.1 NetWare V4.11	Pass	
	ASUS PCI-DA2100 Rev.3A (BIOS:V1.13B)	WD WDE2140W * 2 Seagate ST34501W			None	NetWare V4.1	Pass	
	DPT PM3224 (BIOS:V003.A0)	WD WDE4360W * 3			Toshiba XM-5701B	NetWare V4.11	Pass	
	Mylex DAC-960P	WD WDE4360W * 3			On-board IDE Teac CD-524E	NetWare V4.11	Pass	
Ethernet Adapters								
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Driver Name Server Client	
Ethernet (ISA)	3COM 3C509B-TP (Plug and Play)	5	360		NetWare V4.11	Pass	3c5x9	3c5x9
	Accton EN166X Rev.02 (Plug and Play)	Auto	Auto		NetWare V4.11	Pass	acc6x acc40	mpx2pnp
	Cnet 288PnP Rev.A (Plug and Play)	Auto	Auto		NetWare V3.12	Pass	e200p	e200p
	Cnet 888E Rev.1.4	3	300		NetWare V3.12	Pass	enet16a	enet16a
	D-Link DE220PCT Rev.C1 (Plug and Play)	Auto	Auto		NetWare V3.12	Pass	de22x	de22x
	HP NC/16TP Rev.D	5	300	7	NetWare V4.11	Pass	am2100	am2100
	Intel PCLA8200	5	360		NetWare V4.11	Pass	epro	eproodi
	Intel PCLA8205	5	340		NetWare V3.12	Pass	epro	eproodi
	Novell NE2000Plus-3	5	300		NetWare V3.12	Pass	ne2000	ne2000
	SMC 8013WC Rev.A	3	280		NetWare V4.11	Pass	smc8000	smc8000

Ethernet Adapters								
Card Type	Card Model	Configurations:			O.S. Environment	Status	Driver Name	
		IRQ	Port	Addr. DMA			Server	Client
Ethernet (PCI)	ASUS PCI-DEC10-TB+ Rev.B1	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	ethpci	ethpci
	3COM 3C590C Rev.14	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	3c59x	3c59x
	3COM 3C900C Rev.14	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	3c90x	3c90x
	Accton EN1203 Rev.01C	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	pci40	pcimlid
	Accton EN1208 Rev.01A	Auto	Auto		NetWare V4.11	Pass	1208odi	1208odi
	Compaq NETFLEX-3/P Rev.A	Auto	Auto		NetWare V4.1 NetWare V4.11	Pass	cpqnf3	cpqnf3
	Cogent EM960	Auto	Auto		NetWare V4.11	Pass	empci	empci
	Digital DE450AC Rev.A01	Auto	Auto		NetWare V4.11	Pass	de450	de450
	D-Link DE-530CT+ Rev.A1	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	dlkpci	dlkpci
	HP J2973A	Auto	Auto		NetWare V3.12 NetWare V4.1	Pass	hptxodi	hptxodi
	IBM PCI Ethernet Rev.B2	Auto	Auto		NetWare V4.11	Pass	ibmeanws	ibmeanwc
	Intel PILA840X	Auto	Auto		NetWare V4.1 NetWare V4.11	Pass	e10p	e10podi
	Proton P1670-EA	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	pci40	pcimlid
	SMC 8432BT Rev.A	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	smcpwr	smcpwr
	Thomas-Conrad TC5048 Rev.A	Auto	Auto		NetWare V4.11	Pass	tce32pch	tce32pcw
100BaseTx	ASUS PCI-DEC100TX+ Rev.01	Auto	Auto		NetWare V3.12 NetWare V4.1	Pass	ethpci	ethpci
	ASUS PCI-L101 Rev. 1.03	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	e100b	e100bodi
	3COM 3C595TX Rev.B	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	3c59x	3c59x
	3COM 3C905TX Rev.B	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	3c90x	3c90x
	Accton EN1207 Rev.01	Auto	Auto		NetWare V3.12	Pass	pci40	pcimlid
	Cnet CN100TX	Auto	Auto		NetWare V3.12	Pass	dc21x4	dc21x4
	Cogent EM110TX	Auto	Auto		NetWare V4.11	Pass	empci	empci
	Cogent EM440TX	Auto	Auto		NetWare V4.11	Pass	empci	empci
	Digital DE500XA	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	de500	de500
	D-Link DFE-500TX Rev.B4	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	dlkpci	dlkpci
	HP J3171A	Auto	Auto		NetWare V4.11	Pass	hptx	hptxodi
	Intel PILA8465	Auto	Auto		NetWare V4.1 NetWare V4.11	Pass	e100	e100odi
	Intel PILA8465B	Auto	Auto		NetWare V4.11	Pass	e100b	e100bodi
	Intel PILA8485	Auto	Auto		NetWare V4.1 NetWare V4.11	Pass	e100s	N/A
	SMC 9332DST	Auto	Auto		NetWare V3.12 NetWare V4.11	Pass	smcpwr	smcpwr

Token-Ring Adapters								
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Driver Name Server Client	
Token-Ring (ISA)	3COM 3C619B Rev.C	5	A20		NetWare V4.11	Pass	3ctoken	3ctoken
	3COM 3C619C Rev.A	5	A20		NetWare V4.11	Pass	3ctoken	3ctoken
	Accton TR1615 Rev.C1	2	A20		NetWare V4.11	Pass	token	token
	D-Link DT-220P	2	A20		NetWare V4.11	Pass	token	token
	IBM Auto 16/4 Adapter (Plug and Play)	Auto	Auto		NetWare V4.11	Pass	token	token
	Intel PCLA815X (Plug and Play)	5	340		NetWare V4.11	Pass	tpro	tproodi
	Olicom OC-3118 Rev.3 (Plug and Play)	Auto	Auto		NetWare V4.11	Pass	octok161 octok162	octok16
	Proteon P1392Plus Rev.J	5	A20	5	NetWare V4.11	Pass	4nw39xr	osh39xr
	Thomas-Conrad TC4145-C Rev.A (Plug and Play)	Auto	Auto		NetWare V4.1	Pass	tctokh	tctoksh
Token-Ring (PCI)	Olicom OC-3870 Rev.4	Auto	Auto		NetWare V4.11	Pass	octok162	octok16
	Proteon P1690 Rev.B	Auto	Auto		NetWare V4.1	Pass	ppnw4xx	ppnw4xx
	Thomas-Conrad TC4048 Rev.A	Auto	Auto		NetWare V4.11	Pass	tcpcih	tc4048sh
Pocket LAN								
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	Test EPP mode	
	Xircom Pocket Ethernet Adapter III (EPP function)	On-board LPT port (Use EPP mode)			NetWare V3.12	Pass	Test EPP mode	
	GVC Packet LAN (EPP function)	On-board LPT port (Use EPP mode)			NetWare V3.12	Pass	Test EPP mode	
Tape Devices								
Type	Model	O.S. Environment			Status	Remark / Special Setting		
SCSI	HP JetStore 2000	NetWare V4.11			Pass			
	Exabyte EXB2501	NetWare V3.12			Pass			
ZIP Devices								
Type	Model	O.S. Environment			Status	Remark / Special Setting		
IDE	iomega Z100iIDE	NetWare V3.12			Pass			

5.3 Field (stress) Test for Networking Environment

Test Type	Netware 3.12 Integrate Environment Test		
Configuration	Intel Pentium II 266 + 128MB(EDO 16MB * 4 + 16MB * 4) + 512KB(Internal) + Buslogic BT-950 + Fujitsu M2952QAU + On-board S3 Trio64V2/DX + ASUS PCI-DEC10-TB+ + ASUS PCI-DEC100TX+ + CNET CN888E		
	1 * Server (Netware 3.12) 3 * Clients (DOS/Windows Requester)		
Test Procedure	Server: Accepted network I/O from all clients, load DSK311 to add server load. Clients: Run DTR (run all test) for actual I/O access between server and clients under DOS environment.		
Result	Pass	Duration	17 Hours
Test Type	NetWare 4.1 Integrate Environment Test		
Configuration	Intel P6-200 + 64MB(EDO 16MB * 4) + 256KB(Internal) + On-board Adaptec AIC-7880P + WD WDE4360W + On-board S3 Trio64V2/DX + SMC 9332DST + SMC 8432BT + Accton EN1208		
	1 * Server (NetWare 4.1) 3 * Clients (DOS/Windows Requester)		
Test Procedure	Server: Accept network request continuously from two clients, run DTS to add server load itself. Clients: Run DTR(all test) for actual access between server and clients.		
Result	Pass	Duration	17 Hours
Test Type	NetWare 4.1 NFS Service Test		
Configuration	Intel P6-200 + 64MB(EDO 16MB * 4) + 256KB(Internal) + On-board Adaptec AIC-7880P + Seagate ST34501W + Toshiba XM-5701B + On-board S3 Trio64V2/DX + ASUS PCI-DEC100TX+ * 2		
	1 * Server (NetWare 4.1) 2 * Clients (Slackware Linux V3.2.0)		
Test Procedure	Server: Run NetWare NFS Service V2.1, accept NFS request UNIX clients. Clients: Run test program to generate rapid NFS request/respond between server and clients.		
Result	Pass	Duration	24 Hours
Test Type	NetWare 4.11 Integrate Environment Test		
Configuration	Intel Pentium II-233 * 2 + 128MB(16MB * 4 + 32MB * 2) + 512KB(Internal) + Adaptec AAA-133 + WD WDE4360W * 3 + Panasonic CR-506-B CD-ROM + On-board S3 Trio64V2/DX + ASUS PCI-DEC10-TB+ + Accton EN166X		
	1 * Server (NetWare 4.11) 2 * Clients (DOS/Windows Requester)		
Test Procedure	Server: ISA LAN adapter setup as plug and play mode, disks are associated to RAID5, accept network request continuously from all clients, run DTS to add server load itself. Clients: Run DTR(all test) for actual access between server and clients.		
Result	Pass	Duration	240 Hours
Test Type	NetWare 4.11 Web Server Test		
Configuration	Intel Pentium II-266 + 512MB(128MB * 4) + 512KB(Internal) + On-board Symbios 53C876 + WD WDE9100W * 2 + Panasonic CR-506-B CD-ROM + On-board S3 Trio64V2/DX + ASUS PCI-L101		
	1 * Server (NetWare 4.11) 1 * Controller (Windows NT Workstation V4.0) 2 * Clients (Windows 95)		
Test Procedure	Server: Disks are mirrored on both channel of on-board Symbios 53C876, run WebBench server program. Controller: Run WebBench 1.1 controller program and control the progress of all tests. Clients: Act as WebBench Client site for access HTTP /CGI request/respond with web server .		
Result	Pass	Duration	62 Hours

Test Type	NetWare SFT3 4.11 Redundant Test		
Configuration	Intel Pentium II-266 + 512MB(EDO 128MB * 4, with Parity check enabled) + 512KB(Internal) + On-board Adaptec AIC-7880P + WD WDE4360 + Plextor PX-20TSi CD-ROM + On-board S3 Trio64V2/DX + Intel PILA8485 + ASUS PCI-DEC100TX+ + Cnet CN288PNP		
	2 * Servers (NetWare SFT3 4.11) 2 * Clients (DOS/Windows Requester)		
Test Procedure	Server: Each server have same DRAM size, HDD capacity, and same LAN adapters. Setup servers to mirror together with NetWare SFT3 4.11 via MSL adapter Accept network request continuously from all clients, run DTS to add server load itself. During testing, shutdown one of two mirrored server to observe the effort for another server and connected clients, and the availability of server redundant function. Clients: Run DTR(all test) for actual access between server and clients.		
Result	Pass	Duration	72 Hours

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	

6.1.2 Application Software Compatibility

Network Benchmark					
Package Name	Version	Publisher	O.S. Environment	Status	Features Tested
ServerBench for SCO UNIX R5.0.4	V2.0	Ziff-Davis	SCO UNIX R5.0.4	Pass	

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)	Quantum SR1700AT (4)	M	None		SCO UNIX R5.0.2	Pass
	Panasonic CR-584-B (12X)	S				
	WD WDAC22100 (4)	M	DCS C706A (16X)	M	SCO UNIX R5.0.2	Pass
	NEC DSE2100A (4)	M	Vuego CD624A (24X)	M	SCO UNIX R5.0.2	Pass
	Maxtor 720004AP (4)	M	None		SCO UNIX R5.0.2	Pass
	NEC CR-CC24 (24X)	S				
	Seagate ST31277A (4)	M	None		SCO UNIX R5.0.4	Pass
	Creative CD2422E (24X)	S				
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 ST31055N	NEC CDR-1410A	SCO UNIX R5.0.4	Pass	
	Adaptec AHA-1542CP Rev.B (BIOS:V1.02)	Quantum TM3200S	Plextor PX-20TSi	SCO UNIX R5.0.4	Pass	
SCSI (PCI)	ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)	Seagate ST19101W	Plextor PX-12TSi	SCO UNIX R5.0.2	Pass	
	ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)	WD WDE2170	Teac CD-516S	SCO UNIX R5.0.4	Pass	
	ASUS PCI-SC860 Rev.1.2 (BIOS:V4.03.02)	Micropolis 4345NS	Panasonic CR-506-B	SCO UNIX R5.0.4	Pass	
	ASUS PCI-SC875 Rev.1.0 (BIOS:V4.03)	Quantum HN4550SW	NEC CDR-1410A	SCO UNIX R5.0.4	Pass	
	Adaptec AHA-2940AU Rev.A (BIOS:V1.21)	Quantum HN4550S	Toshiba XM-5701B	SCO UNIX R5.0.4	Pass	
	Adaptec AHA-3940UW Rev.B (BIOS:V1.12)	Quantum VK4550SW	Plextor PX-12TSi	SCO UNIX R5.0.2	Pass	
	AdvanSys ABP-930UA Rev.1 (BIOS:V2.8C)	Seagate ST34501N	Toshiba XM-5701B	SCO UNIX R5.0.4	Pass	
	AdvanSys ABP-940U Rev.A (BIOS:V2.6L)	Quantum HN9100S	NEC CDR-512	SCO UNIX R5.0.4	Pass	
	Buslogic BT930 Rev.A (BIOS:V1.41d)	Seagate ST32155N	NEC CDR-1610A	SCO UNIX R5.0.2	Pass	
	Buslogic BT932 Rev.Ab (BIOS:V1.41d)	Seagate ST52160N	Sony CDU415	SCO UNIX R5.0.2	Pass	
	DPT PM2144UW (BIOS:V003.DS)	Micropolis 4341WS	NEC CDR-512	SCO UNIX R5.0.4	Pass	

SCSI Disk Controllers							
Card Type	Card Model	H.D.D.			CD-ROM	O.S. Environment	Status
SCSI (PCI)	Initio INI-9100UW Rev.D (BIOS:1.02)	Micropolis 4345WAV			Pioneer DR-U12X	SCO UNIX R5.0.4	Pass
	On-board Symbios 53C876 (BIOS:V4.03.02)	Quantum HN4550S			Sony CDU415	SCO UNIX R5.0.4	Pass
	On-board Adaptec AIC-7880P (BIOS:V1.24)	WD WDE9100W * 2			Pioneer DR-U24X	SCO UNIX R5.0.2	Pass
	Promise SCSIMAX Rev.B (BIOS:3.07)	Quantum HN2275SW			Teac CD-516S	SCO UNIX R5.0.4	Pass
	Promise SCSIUltra Rev.B (BIOS:4.03)	Seagate ST34371N			NEC CDR-1610A	SCO UNIX R5.0.2	Pass
RAID Controllers							
Card Type	Card Model	H.D.D.			CD-ROM	O.S. Environment	Status
RAID Controller	ASUS PCI-DA2100 Rev.3A(BIOS:V1.13B)	Seagate ST34371W * 3			Pioneer DR-U24X	SCO UNIX R5.0.2	Pass
	DPT PM3334UW (BIOS:V003.DS)	Quantum HN2275SW * 3			Plextor PX-20TSi	SCO UNIX R5.0.4	Pass
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509B-TP (Plug and Play)	5	360		SCO UNIX R5.0.4	Pass	
	HP NC/16TP Rev.D	5	300	7	SCO UNIX R5.0.4	Pass	
	Novell NE2000Plus-3	5	300		SCO UNIX R5.0.2	Pass	
	SMC 8013WC Rev.A	10	300		SCO UNIX R5.0.4	Pass	
Ethernet (PCI)	ASUS PCI-DEC10-TB+ Rev.B1	Auto	Auto		SCO UNIX R5.0.2	Pass	
	3COM 3C900 Rev.C	Auto	Auto		SCO UNIX R5.0.4	Pass	
	Accton EN1203 Rev.01C	Auto	Auto		SCO UNIX R5.0.2	Pass	
	Cogent EM960	Auto	Auto		SCO UNIX R5.0.2	Pass	
	Proteon P1670-EA Rev.R01C	Auto	Auto		SCO UNIX R5.0.4	Pass	
	SMC 8432BT Rev.A	Auto	Auto		SCO UNIX R5.0.2	Pass	
	Thomas-Conrad TC5048 Rev.A	Auto	Auto		SCO UNIX R5.0.4	Pass	
100BaseTx	ASUS PCI-DEC100TX+ Rev.01	Auto	Auto		SCO UNIX R5.0.2	Pass	
	3COM 3C595-TX Rev.B	Auto	Auto		SCO UNIX R5.0.4	Pass	
	3COM 3C905TX Rev.B	Auto	Auto		SCO UNIX R5.0.4	Pass	
	Accton EN1207 Rev.01	Auto	Auto		SCO UNIX R5.0.2	Pass	
	Digital DE500XA	Auto	Auto		SCO UNIX R5.0.4	Pass	
	Intel PILA8465	Auto	Auto		SCO UNIX R5.0.2	Pass	
	Intel PILA8465B	Auto	Auto		SCO UNIX R5.0.4	Pass	
	SMC 9332DST	Auto	Auto		SCO UNIX R5.0.2	Pass	

6.3 Field (stress) Test for Networking Environment

Test Type	SCO UNIX OPEN SERVER R5.0.2		
Configuration	Intel Pentium II-300 * 2 + 32MB(EDO 8MB * 4) + 512KB(Internal) + Adaptec AHA-3940UW + Quantum VK4550SW + Plextor PX-12TSi CD-ROM + On-board S3Trio64V2/DX + Intel PILA8465 + Genius MouseOne		
	1 * Server (SCO UNIX R5.0.2) 1 * Server (Solaris V2.51)		
Test Procedure	Server (SCO UNIX R5.0.2):Run multiple tasks, including ping, telnet test. Server (Solaris V2.51): Run ping,telnettests to communicate with SCO server		
Result	Pass	Duration	87 Hours
Test Type	SCO UNIX OPEN SERVER R5.0.4		
Configuration	Intel P6-200 * 2 + 64MB(EDO 16MB * 2 + 8MB * 4) + 256KB(Internal) + Adaptec AHA-2940AU + Quantum HN4550S + Toshiba XM-5701B CD-ROM + On-board S3Trio64V2/DX + Intel PILA8465B + Genius MouseOne		
	1 * Server (SCO UNIX R5.0.4) 1 * Server (Solaris V2.51)		
Test Procedure	Server (SCO UNIX R5.0.4): Run multiple tasks, including ping, telnet test Server (Solaris V2.51):Run ping,telnettests to communicate with SCO server		
Result	Pass	Duration	18 Hours
Test Type	SCO UNIX OPEN SERVER R5.0.4		
Configuration	Intel P6-200 * 2 + 64MB(EDO 32MB * 2) + 256KB(Internal) + On-board AIC-7880P + WD WDE9100W * 2 + Pioneer DR-U24X CD-ROM + On-board S3Trio64V2/DX + 3Com 3C595-TX + Genius MouseOne		
	1 * Server (SCO UNIX R5.0.4) 1 * Server (Solaris V2.51)		
Test Procedure	Server (SCO UNIX R5.0.4): Run multiple tasks, including ping, telnet test Server (Solaris V2.51):Run ping,telnettests to communicate with SCO server		
Result	Pass	Duration	21 Hours

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	

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	

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)	Seagate ST31277A (4)	M	Teac CD-516S (16X)	M	UnixWare V2.1	Pass
	Fujitsu MPA3026AT (4)	M	Philips PCA203CD (20X)	M	UnixWare V2.1	Pass
	Seagate ST52520A (4)	M	Panasonic CR-583-B (8X)	M	UnixWare V2.1	Pass
	IBM DHEA-34330 (DMA33)	M	Teac CD-58E (8X)	M	UnixWare V2.1	Pass
	Quantum ST3240AT (DMA33)	M	Panasonic CR-585-B (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)	Fujitsu M2954SYU	NEC CDR-512	UnixWare V2.1	Pass
SCSI (PCI)	ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)	Quantum HN2275SW	NEC CDR-512	UnixWare V2.1	Pass
	ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)	Seagate ST31255N	NEC CDR-502	UnixWare V2.1	Pass
	ASUS PCI-SC860 Rev.1.0 (BIOS:V4.03)	Quantum HN9100S	Sony CDU415	UnixWare V2.1	Pass
	Adaptec AHA-2940AU Rev.A (BIOS:V1.21)	Quantum TM2110S	Plexor PX-20TSi	UnixWare V2.1	Pass
	Adaptec AHA-3940 Rev.A (BIOS:V1.24)	Quantum HN4550S	Teac CD-516S	UnixWare V2.1	Pass
	DPT PM2144UW (BIOS:V003.DS)	Fujitsu M2952QAU	Pioneer DR-U12X	UnixWare V2.1	Pass
	On-board Adaptec AIC-7880P (BIOS:1.24)	Seagate ST32155W	Toshiba XM-5701B	UnixWare V2.1	Pass
	On-board Symbios 53C876 (BIOS:4.03)	Micropolis 4345WAV	Toshiba XM-5701B	UnixWare V2.1	Pass

Ethernet Adapters							
Card Type	Card Model	Configurations:			O.S. Environment	Status	Remark
		IRQ	Port	Addr. DMA			
Ethernet (ISA)	3COM 3C509B (Plug and Play)	5	360		UnixWare V2.1	Pass	
	Intel PCL8205	5	340		UnixWare V2.1	Pass	
	Novell NE2000Plus-3	5	300		UnixWare V2.1	Pass	
	SMC 8013WC Rev. A	10	300		UnixWare V2.1	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
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 P6-200 * 2 + 64MB(EDO 32MB * 2) + 256KB(Internal) + On-board IDE + Seagate ST31276A + Mitsumi CRMC-FX140S2 CD-ROM + On-board S3 Trio64 V2/DX + Compaq NETFLEX-3/P + Microsoft Serial Mouse		
	1 * Server (UnixWare V2.1)		
	1 * Server (NT Server V4.0)		
Test Procedure	Server (UnixWare V2.1):Run multitasking programs. Server (NT Server V4.0):Run ping, telnettests.		
Result	Pass	Duration	10 Hours
Test Type	UnixWare V2.1 Test		
Configuration	Intel P6-200 * 2 + 48MB(EDO 8MB * 2 + 16MB * 2) + 256KB(Internal) + AHA-1542CF + Fujitsu M2954SYU + NEC CDR-512 CD-ROM + On-board S3 Trio64 V2/DX + 3COM 3C595TX + Microsoft Serial Mouse		
	1 * Server (UnixWare V2.1)		
	1 * Server (NT Server V4.0)		
Test Procedure	Server (UnixWare V2.1):Create I2O devices with RAID 1 function, run multitasking programs. Server (NT Server V4.0):Run ping, telnettests.		
Result	Pass	Duration	88 Hours

8. Sunsoft Solaris Operating System Test

8.1 Software Compatibility Test

O.S. Name	Version	Publisher	Status	Hardware Configuration / Hard Disk & Controller
Solaris	V2.51	Sunsoft	Pass	Buslogic BT-930 + WD WDE2170 + NEC CDR-512 CD-ROM + On-board S3 Trio64V2/DX + Digital DE500XA + Genius MouseOne
Solaris Chinese (Traditional)	V2.51	Sunsoft	Pass	AHA-3940UW + Seagate ST19101W + Pioneer DR-U24X CD-ROM + On-board S3 Trio64V2/DX + Conpaq NETFLEX-3/P + Genius MouseOne
Solaris	V2.6	Sunsoft	Pass	DPT PM3334UW + Quantum HN2275SW * 3 + Plextor PX-20TSi CD-ROM + On-board S3 Trio64V2/DX + ASUS PCI-DEC10-TB+ + Genius MouseOne

8.2 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)	Maxtor 84000A6 (4)	M	NEC CDR-CC24 (24X)	M	Solaris V2.51	Pass	
	WD WDAC22100 (4) Panasonic CR-584-B (12X)	M S	None		Solaris V2.51	Pass	
	Seagate ST32531A (4)	M	Seagate ST52520A (4) Acer CD616A (16X)	M S	Solaris V2.6	Pass	
	Micropolis 4540A (4) Creative CD2422E (24X)	M S	Quantum TM3200AT (4) Quantum TM2110AT (4)	M S	Solaris V2.6	Pass	
	Fujitsu MPA3026AT (4) Hitachi CDR8130 (18X)	M S	Samsung WNR-3160A (4)	M	Solaris V2.6	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 ST52520N		Teac CD-516S	Solaris V2.6	Pass	
SCSI (PCI)	ASUS PCI-AS300 Rev.1.0 (BIOS:V1.24)	Quantum HN455S		Sony CDU415	Solaris V2.51	Pass	
	Adaptec AHA-2940AU Rev.A (BIOS:V1.21)	Quantum TM2110S		Plextor PX-20TSi	Solaris V2.6	Pass	
	Adaptec AHA-2940UW Rev.B (BIOS:V1.23)	IBM DCAS-34330W		Plextor PX-12TSi	Solaris V2.6	Pass	
	Adaptec AHA-3940UW Rev.A (BIOS:V1.24)	Seagate ST19101W		Pioneer DR-U24X	Solaris V2.51	Pass	
	AdvanSys ABP-940U Rev.A (BIOS:V2.6L)	Micropolis 4345NS		NEC CDR-1410A	Solaris V2.51	Pass	
	Buslogic BT930 Rev.A (BIOS:V1.41d)	WD WDE2170		NEC CDR-512	Solaris V2.51	Pass	
	Buslogic BT932 Rev.AC (BIOS:V1.41d)	Seagate ST34371N		NEC CDR-1610A	Solaris V2.51	Pass	
	DPT PM2144UW (BIOS:V003.DS)	Micropolis 4341WS		Panasonic CR-506-B	Solaris V2.51	Pass	
	On-board Adaptec AIC-7880P (BIOS:V1.24)	Seagate ST19101W		Plextor PX-20TSi	Solaris V2.51	Pass	
RAID Controllers							
Card Type	Card Model	H.D.D.		CD-ROM	O.S. Environment	Status	
RAID Controller	DPT PM3334UW (BIOS:V003.DS)	Quantum HN2275SW * 3		Plextor PX-20TSi	Solaris V2.6	Pass	
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509B (Plug and Play)	Auto	Auto		Solaris V2.6	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	<i>Intel PCL8200</i>	5	360		Solaris V2.51	Pass	
	<i>SMC 8013WC Rev. A</i>	10	300		Solaris V2.51	Pass	
Ethernet (PCI)	<i>ASUS PCI-DEC10-TB+ Rev. B1</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>3COM 3C900 Rev.C</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Accton EN1203 Rev. 01C</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Compaq NETFLEX-3/P Rev.A</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Cogent EM960</i>	Auto	Auto		Solaris V2.6	Pass	
	<i>Proteon P1670-EA</i>	Auto	Auto		Solaris V2.6	Pass	
	<i>SMC 8432BT Rev. A</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Thomas-Conrad TC5048 Rev. A</i>	Auto	Auto		Solaris V2.6	Pass	
100BaseTx	<i>ASUS PCI-DEC100TX+</i>	Auto	Auto		Solaris V2.6	Pass	
	<i>3COM 3C595TX Rev.B</i>	Auto	Auto		Solaris V2.6	Pass	
	<i>3COM 3C905TX Rev.B</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Accton EN1207 Rev.01</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Cogent EM110TX</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Digital DE500XA</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Intel PILA8465</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>Intel PILA8465B</i>	Auto	Auto		Solaris V2.51	Pass	
	<i>SMC 9332DST</i>	Auto	Auto		Solaris V2.6	Pass	
Token-Ring Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Token-Ring (ISA)	<i>IBM Auto 16/4 Adapter (Plug and Play)</i>	Auto	Auto		Solaris V2.6	Pass	

8.3 Field (stress) Test for Networking Environment

Test Type	Solaris V2.51 Test		
Configuration	Intel Pentium II-300 * 2 + 32MB(EDO 16MB * 2) + 512KB(Internal) + Buslogic BT-932 + Seagate ST34371N + NEC CDR-1610A CD-ROM + On-board S3 Trio64V2/DX + Intel PILA8465 + Genius MouseOne		
	1 * Server (Solaris V2.51) 1 * Server (Solaris V2.51)		
Test Procedure	Server (Solaris V2.51):Run Multi Tasks Test. Server (Solaris V2.51):Run ping,telnettest.		
Result	Pass	Duration	12 Hours
Test Type	Solaris V2.6 Test		
Configuration	Intel P6-200 * 2 + 48MB(EDO 16MB * 2 + 8MB * 2) + 256KB(Internal) + AHA-2940AU + Quantum TM2110S + Plextor PX-20TSi CD-ROM + On-board S3 Trio64V2/DX + Cogent EM960 + Genius MouseOne		
	1 * Server (Solaris V2.6) 1 * Server (Solaris V2.51)		
Test Procedure	Server (Solaris V2.6):Run Multi Tasks Test. Server (Solaris V2.51):Run ping,telnettest.		
Result	Pass	Duration	15 Hours
Test Type	Solaris V2.51 with HCT V2.06c		
Configuration	Intel Pentium II-300 * 2 + 96MB(32MB * 2 + 16MB * 2) + 512KB(Internal) + On-board Adaptec AIC-7880P + Seagate ST19101W + Plextor PX-20TSi CD-ROM + On-board S3 Trio64V2/DX + 3Com 3C905TX + Logitech First Mouse Super		
	1 * Server (Solaris V2.51) 1 * Server (Solaris V2.51)		
Test Procedure	Server (Solaris V2.51 with HCT V2.06c):Run Certification Test: Keyboard, Mouse, Network, Disk, CD-ROM, Floppy, Paging, Display. Server(Solaris V2.51): Network test from Solaris.		
Result	Pass	Duration	15 Hours

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 + Maxtor 85250D6 + Creative CD2422E CD-ROM + On-board S3-Trio64V2/DX + 3Com 3C509B-TP + Logitech First Mouse Super

9.2 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)	Maxtor 72004AP (4)	M	None		OpenStep R4.0	Pass	
	Aztech CDA1068-01I (10X)	S					
	Maxtor 83201A6 (4)	M	None		OpenStep R4.0	Pass	
	Funai E2950UA (16X)	S					
	Maxtor 83500D4 (DMA33)	M	None		OpenStep R4.0	Pass	
	Teac CD-516E (16X)	S					
	Maxtor 84000A6 (4)	M	None		OpenStep R4.0	Pass	
	DCS C706A (16X)	S					
	Maxtor 85250D6 (DMA33)	M	None		OpenStep R4.0	Pass	
Creative CD2422E (24X)	S						
NEC DSE2100A (4)	M	None		OpenStep R4.0	Pass		
DCS C706A (16X)	S						
Quantum ST6480AT (DMA33)	M	None		OpenStep R4.0	Pass		
Acer CD616A (18X)	S						
Quantum TM2110AT (4)	M	None		OpenStep R4.0	Pass		
NEC CDR-CC24 (24X)	S						
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)	WD WDE2170		Panasonic CR-506-B	OpenStep R4.0	Pass	
SCSI (PCI)	On-board Adaptec AIC-7880P Rev.1.0 (BIOS:V1.24)	IBM DCAS-34330		Panasonic CR-506-B	OpenStep R4.0	Pass	
	Adaptec AHA-2940AU Rev.A (BIOS:V1.21)	Micropolis 4345AV		Plextor PX-20TSi	OpenStep R4.0	Pass	
	Adaptec AHA-2940UW Rev.C (BIOS:V1.24)	Seagate ST321550N		Toshiba XM-5701B	OpenStep R4.0	Pass	
	Adaptec AHA-3940UW Rev.A (BIOS:V1.24)	Seagate ST34371W		NEC CDR-1410A	OpenStep R4.0	Pass	
	Buslogic BT930 Rev.A (BIOS:V1.41d)	Quantum TM3200S		NEC CDR-1610A	OpenStep R4.0	Pass	
	DPT PM2144UW (BIOS:V003.DS)	Seagate ST31055N		NEC CDR-1410A	OpenStep R4.0	Pass	
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509B-TP (Plug and Play)	5	360		OpenStep R4.0	Pass	
	SMC 8013WC Rev.A	10	300		OpenStep R4.0	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (PCI)	ASUS PCI-DEC10-TB+ Rev.B1	Auto	Auto		OpenStep R4.0	Pass	
	Cogent EM960	Auto	Auto		OpenStep R4.0	Pass	
	Digital DE450AC Rev.A01	Auto	Auto		OpenStep R4.0	Pass	
	Intel PILA840X	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	
100BaseTx	Cogent EM110TX	Auto	Auto		OpenStep R4.0	Pass	
	Digital DE500XA	Auto	Auto		OpenStep R4.0	Pass	
	Intel PILA8465	Auto	Auto		OpenStep R4.0	Pass	
	Intel PILA8465B	Auto	Auto		OpenStep R4.0	Pass	
	SMC 9332DST	Auto	Auto		OpenStep R4.0	Pass	

9.3 Field (stress) Test for Networking Environment

Test Type	OpenStep R4.0		
Configuration	Intel Pentium II-233 + 48MB(EDO 16MB * 2 + 8MB * 2) + 512KB(Internal) + DPT PM2144UW + Seagate ST31055N + NEC CDR-1410A CD-ROM + On-board S3-Trio64V2/DX + Intel PILA8465 + Logitech MouseMan		
	1 * Server (OpenStep R4.0)		
	1 * Server (OS/2 WARP Server V4.0)		
Test Procedure	Server (OpenStep R4.0):Run multiple tasks. Server (OS/2 WARP Server V4.0):Run ping, telnettest.		
Result	Pass	Duration	15 Hours
Test Type	OpenStep R4.0		
Configuration	Intel Pentium II-266 + 32MB(16MB * 2) + 512KB(Internal) + On-board IDE + Maxtor 72004AP + Aztech CDA1068-01I CD-ROM + On-board S3-Trio64V2/DX + Intel PILA840X + Logitech First Mouse Super		
	1 * Server (OpenStep R4.0)		
	1 * Server (Linux 3.2)		
Test Procedure	Server (OpenStep R4.0):Run multiple tests. Server (Linux 3.2):Run ping, telnettest.		
Result	Pass	Duration	15 Hours

10. Slackware 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-1542CF + Maxtor MX9217SSN + Panasonic CR-506-B CD-ROM + On-board S3 Trio64V2/DX + Accton EN1208
Linux	V3.1.0	Slackware	Pass	On-board IDE + Quantum ST2170AT + Wearnes CDD-1620 CD-ROM + On-board S3 Trio64V2/DX + Digital DE450AC

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)	IBM DJAA-31700 (4)	M	NEC CDR-1800A (24X)	M	Linux V3.2.0	Pass	
	Maxtor 85250D6 (DMA33)	M	Creative CD2422E (24X)	M	Linux V3.1.0	Pass	
	Quantum CY4550AT (4)	M	None		Linux V3.2.0	Pass	
	Panasonic CR-585-B (24X)	S					
	Quantum ST2160AT (DMA33)	M	Wearnes CDD-1620 (16X)	M	Linux V3.1.0	Pass	
	IBM DHEA-34330 (DMA33)	M	None		Linux V3.2.0	Pass	
	Funai	S					
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)	Maxtor MX9217SSN		Panasonic CR-506-B	Linux V3.2.0	Pass	
	Adaptec AHA-1542CP Rev. B (BIOS: V1.02)	IBM DCAS-34330		Toshiba XM-5701B	Linux V3.1.0	Pass	
SCSI (PCI)	On-board Adaptec AIC-7880P Rev.1.0 (BIOS:V1.24)	Fujitsu M2952QAU		Toshiba XM-5701B	Linux V3.2.0	Pass	
	ASUS PCI-AS300 Rev.1.2 (BIOS:V4.03)	IBM DCAS-34330		Panasonic CR-506-B	Linux V3.1.0	Pass	
	Adaptec AHA-2940 Rev.F (BIOS:V1.21)	IBM DCAS-34330		Toshiba XM-5701B	Linux V3.1.0	Pass	
	Adaptec AHA-2940UW Rev.C (BIOS:V1.24)	IBM DCAS-34330		Toshiba XM-5701B	Linux V3.1.0	Pass	
	Adaptec AHA-3940UW Rev.B (BIOS:V1.12)	Fujitsu M2952QAU		Panasonic CR-506-B	Linux V3.2.0	Pass	
	AdvanSys ABP-930UA Rev.E (BIOS:V2.6.0)	IBM DCAS-34330		Panasonic CR-506-B	Linux V3.2.0	Pass	
	Buslogic BT948C Rev.Ab (BIOS:V4.95L)	Maxtor MX9217SSN		Panasonic CR-506-B	Linux V3.1.0	Pass	
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509BTP (Plug and Play)	5	360		Linux V3.1.0	Pass	
	HP NC/16TP Rev. D	5	300	7	Linux V3.1.0	Pass	
	Intel PCLA8200	5	360		Linux V3.2.0	Pass	
	Intel PCLA8205	10	340		Linux V3.1.0	Pass	
	Novell NE2000Plus-3	5	300		Linux V3.2.0	Pass	
	SMC 8013WC Rev. A	10	300		Linux V3.1.0	Pass	

Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (PCI)	ASUS PCI-DEC10-TB+ Rev. B1	Auto	Auto		Linux V3.2.0	Pass	
	Accton EN1203 Rev. 01C	Auto	Auto		Linux V3.1.0	Pass	
	Accton EN1208 Rev. 01A	Auto	Auto		Linux V3.2.0	Pass	
	Cogent EM960	Auto	Auto		Linux V3.1.0	Pass	
	Digital DE450AC Rev. A01	Auto	Auto		Linux V3.1.0	Pass	
	IBM PCI Ethernet Rev. B2	Auto	Auto		Linux V3.2.0	Pass	
	Proteon P1670-EA	Auto	Auto		Linux V3.2.0	Pass	
	SMC 8432BT Rev. A	Auto	Auto		Linux V3.2.0	Pass	
	Thomas-Conrad TC5048 Rev. A	Auto	Auto		Linux V3.1.0	Pass	

10.3 Field (stress) Test for Networking Environment

Test Type	Linux V3.2.0		
Configuration	Intel P6-200 + 96MB(EDO 32MB * 2 + 16MB * 2) + 256KB(Internal) + Adaptec AHA-1542CF + Maxtor MX9217SSN + Panasonic CR-506-B CD-ROM + On-board S3 Trio64V2/DX + Accton EN1208		
	1 * Server(Linux V3.2.0) 1 * Server(Linux V3.1.0)		
Test Procedure	Server(Linux V3.2.0):Run multiple tasks, include NFS test for access via network Server(Linux V3.1.0):Run multiple tasks, include NFS test for access via network		
Result	Pass	Duration	10 Hours
Test Type	Linux V3.1.0		
Configuration	Intel Pentium II-266 + 64MB(EDO 16MB * 4) + 512KB(Internal) + On-board IDE + Quantum ST2160AT + Wearnes CDD-1620 CD-ROM + On-board S3 Trio64V2/DX + Digital DE450AC		
	1 * Server(Linux V3.1.0) 1 * Server(Linux V3.2.0)		
Test Procedure	Server(Linux V3.1.0):Run multiple tasks, include NFS test for access via network Server(Linux V3.2.0):Run multiple tasks, include NFS test for access via network		
Result	Pass	Duration	15 Hours

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	Adaptec AHA-1542CF + Quantum TM3200S + NEC CDR-512 CD-ROM + On-board S3 Trio64V2/DX + Novell NE2000 Plus-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)	Quantum TM3840AT (4)	M	ASUS PCI-SC200 Plextor PX-20TSi		Vines V7.0	Pass	
	NEC DSE2100A (4)	M	ASUS PCI-SC200 Plextor PX-20TSi		Vines V7.0	Pass	
	IBM DAQA-33240 (4)	M	DPT PM2144UW Pioneer DR-U24X		Vines V7.0	Pass	
	Maxtor 83201A6 (4)	M	Promise SCISIMAX NEC CDR-1610A		Vines V7.0	Pass	
	Seagate ST32531A (4)	M	Promise SCISIMAX NEC CDR-1610A		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 Rev.C (BIOS:V2.02)	Quantum TM3200S		NEC CDR-512	Vines V7.0	Pass	
SCSI (PCI)	ASUS PCI-SC200 Rev.1.2 (BIOS:V4.03)	Seagate ST32550N		Plextor PX-20TSi	Vines V7.0	Pass	
	DPT PM2124UW (BIOS:V003.DS)	NEC DSE2550S		NEC CDR-1410A	Vines V7.0	Pass	
	Promise SCISIMAX Rev.B (BIOS:V3.07)	Fujitsu M2954SYU		NEC CDR-1610A	Vines V7.0	Pass	
Ethernet Adapters							
Card Type	Card Model	Configurations: IRQ Port Addr. DMA			O.S. Environment	Status	Remark
Ethernet (ISA)	3COM 3C509BTP (Plug and Play)	5	360		Vines V7.0	Pass	
	Novell NE2000Plus-3	5	300		Vines V7.0	Pass	
	SMC 8013WC Rev.A	10	300		Vines V7.0	Pass	

11.3 Field (stress) Test for Networking Environment

Test Type	Vines V7.0		
Configuration	Intel P6-200 + 64MB(32MB * 2) + 256KB(Internal) + DPT PM2144UW + NEC DSE2550S + NEC CDR-1410A CD-ROM + On-board S3 Trio64V2/DX + SMC 8013WC		
	1 * Server (Vines V7.0) 1 * Client (MS-DOS 6.22)		
Test Procedure	Server (Vines V7.0):Run network monitoring. Client (MS-DOS 6.22):Run copy file, compare filetest.		
Result	Pass	Duration	14 Hours

PART C. RELIABILITY ENVIRONMENT TEST

1. Power Consumption Test

1.1 Configuration:

- P/I-P65UP8 with Intel Pentium II-233/266 MHz CPU with fan
- DRAM 288MB (64MB *4, 8MB*4), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST32122A 3.5 inch 2112 MB hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- ETASIS EPA-250B 250W ATX power supply
- Microsoft serial mouse
- TECO TE-9516S 14 inch green monitor

1.2 Test Environment

Temperature: 24 °C ~ 28°C

Relative Humidity: 45% ~ 55%

1.3 Test Location

ASUSTek QT Lab.

1.4 Test Result

ITEM			
1. System Only	Intel PentiumII-233	Intel PentiumII-266	UNIT
Full mode	99.2	96.2	Watts
Doze mode	65.4	64.6	Watts
Standby mode	61.5	60.6	Watts
Suspend mode	60.6	59.6	Watts
2. System & Monitor			
Full mode	163.5	160.2	Watts
Doze mode	119.6	119.0	Watts
Standby mode	114.8	114.5	Watts
Suspend mode	113.9	113.3	Watts

2. Line Voltage and Frequency Test

2.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 8), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch 4500 MB hard drive * 5
- Seagate ST34371W 3.5 inch 4300 MB hard drive
- Seagate ST32550W 3.5 inch 2500 MB hard drive
- IBM DCAS-32160 3.5 inch 2100 MB hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- EMACS RPD-5400F 400W ATX power supply
- CHENBRO Server case A9661/A9671
- Microsoft serial mouse

2.2 Test Software

MicroSoft Qaplus 5.51 Test Program

2.3 Test Specifications

Condition	Voltage & Frequency	Condition	Voltage & Frequency
1	85V / 47Hz	9	170V / 47Hz
2	85V / 53Hz	10	170V / 53Hz
3	85V / 57Hz	11	170V / 57Hz
4	85V / 63Hz	12	170V / 63Hz
5	132V / 47Hz	13	264V / 47Hz
6	132V / 53Hz	14	264V / 53Hz
7	132V / 57Hz	15	264V / 57Hz
8	132V / 63Hz	16	264V / 63Hz

Note : Each test condition combines a voltage limit with a frequency limit.

2.4 Test Result

Condition	Voltage & Frequency	Sample 1
1	85V / 47Hz	Pass
2	85V / 53Hz	Pass
3	85V / 57Hz	Pass
4	85V / 63Hz	Pass
5	132V / 47Hz	Pass
6	132V / 53Hz	Pass
7	132V / 57Hz	Pass
8	132V / 63Hz	Pass
9	170V / 47Hz	Pass
10	170V / 53Hz	Pass
11	170V / 57Hz	Pass
12	170V / 63Hz	Pass

Condition	Voltage & Frequency	Sample 1
13	264V / 47Hz	Pass
14	264V / 53Hz	Pass
15	264V / 57Hz	Pass

16	264V / 63Hz	Pass
----	-------------	------

3. DC Margin Test

3.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 288MB (64MB * 4 + 8MB * 4), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST32122A 3.5 inch 2112 MB hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- ETASIS EPA-250B 250W ATX power supply
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

3.2 Test Environment

Temperature: 24 °C ~ 28 ° C

Relative Humidity: 45% ~ 55%

3.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

3.4 Test Location

ASUSTeK QT Lab.

3.5 Testing Result

<i>Item</i>	<i>Test Condition</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

4. Power Line Disturbance Test

4.1 Test Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 32MB (32MB * 1), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch 4500 MB hard drive * 5
- IBM DHEA-36480 3.5 inch 6400 MB hard drive
- Seagate ST32171W 3.5 inch 2100 MB hard drive
- Quantum LPS540S 3.5 inch 540 MB hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse

4.2 Test Software

Micro Soft Qaplus 5.51 Test Program

4.3 Test Location

ASUSTek QT Lab

4.4 Test Specifications

1. Condition 1
 - a. An under voltage of 10% below any of the nominal input AC voltages applied for 2 seconds, repeated 10 times with a 10% duty cycle.
 - b. An under voltage of 100% during one half cycle repeated 10 times with a 1% duty cycle.
 - c. An over voltage of 15% above the any of the nominal AC voltage applied for one second, repeated 10 times with a 10% duty cycle.
 2. Condition 2
 - a. A complete AC line outage for 6 cycles.
 - b. A 65% under voltage lasting for 30 cycles.
 - c. A complete AC line outage for 30 cycles.
 3. Surge Test
132 V to 150V for 0.5sec , back to 132 V at 60Hz
 4. Sag Test
90 V to 88 V for 0.5sec , back to 90 V at 60Hz
- Note:
- a. For test condition 1,3,4 the EUT must operate normally.
 - b. For test condition 2, the EUT shall sustain no physical damage.

4.5 Test Result

Sample No.	Qaplus 5.51			
	Condition 1	Condition 2	Surge Test	Sag Test
No.1	Pass	Pass	Pass	Pass

5. Power Supply inrush current Test

5.1 Test Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 8), Cache 512KB (Internal)

- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch 4500 MB hard drive * 5
- IBM DHEA-36480 3.5 inch 6400 MB hard drive
- Seagate ST32171W 3.5 inch 2100 MB hard drive
- Quantum LPS540S 3.5 inch 540 MB hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse

5.2 Test Software

Micro Soft Dos 6.22 Test Program

5.3 Test Location

ASUSTek QT Lab

5.4 Test Specifications

The maximum inrush current is under cold start and warm start to measure the AC input current, where the measured criteria is as below.

Warm start should not damage the power supply or cause the input fuse blow.

Cold start should not exceed to the rating of power supply.

5.5 Test Result

Test Condition	Inrush Current			
	Cold Start		Warm Start	
	115V 60Hz	230V 60Hz	115V 60Hz	230V 60Hz
Specification	50 Amp	100 Amp	No Damage	No Damage
Test Data	21.22 A	45.0 A	10.38 A	47.17 A
Test Result	Pass	Pass	Pass	Pass

6. Temperature / Humidity

6.1 Test Configuration:

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 8), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch 4500 MB hard drive * 5
- Seagate ST34371W 3.5 inch 4300 MB hard drive
- Seagate ST32550W 3.5 inch 2500 MB hard drive

- IBM DCAS-32160 3.5 inch 2100 MB hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse

6.2 Test Environment

Temperature: 10 °C ~ 50 °C

Relative Humidity: 20% ~ 85%

6.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

6.4 Test Period Result:

Step	Temperature (°C)	Relative Humidity (%)	Time (Hour:Minutes)	Status
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

7. Thermal Measurement

Please see Thermal Curve **Figure1,Figure2** 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.

7.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB *8), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch 4500 MB hard drive*5
- Seagate ST34371W 3.5 inch 4300 MB hard drive
- Seagate ST32550W 3.5 inch 2500 MB hard drive
- IBM DCAS-32160 3.5 inch 2100 MB hard drive
- Back Plane Board (DA-BP4 serial) *2 for 4 HDD In Each
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP0350-1 350W ATX power supply
- Elan Vital Server case S-50
- Microsoft serial mouse
- FRX FRX-256L 14 inch color monitor
- Place in KSON Tech. THS-D4L+ - 100 LabTester for different temperature and humidity

7.2 Test Environment

Temperature: 35 °C

Relative Humidity: 80 %

7.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

7.4 Testing Point

Channel No.	Step Channel	Temperature
CH1-1 (TP1)	Ambient temperature	56.5°C
CH1-2 (TP2)	FD3055(Q210)	65°C
CH1-3 (TP3)	Adaptec AIC-7880P(U47)	66.1°C
CH1-4 (TP4)	NEC K2941(Q5)	49.3°C
CH1-5 (TP5)	FD3055(Q210A)	65.8°C
CH1-6 (TP6)	Pentium II-266 CPU1	69.8°C
CH1-7 (TP7)	Pentium II-266 CPU2	75.7°C
CH1-8 (TP8)	Intel i960	74.2°C
CH1-9 (TP9)	SYM BIOS Logic(U66)	62.1°C
CH1-10 (TP10)	SEC KM44V16104AS-6 SDRAM 1	58.5°C
CH1-11 (TP11)	SEC KM44V16104AS-6 SDRAM 2	60.8°C
CH1-12 (TP12)	Intel SB82442FX(U6)	59.9°C
CH1-13 (TP13)	Intel SB82441FX	70.1°C
CH1-14 (TP14)	Winbond W83977TF-A(U23)	66.4°C
CH1-15 (TP15)	S82093AA(U28)	61.9°C
CH1-16 (TP16)	Intel SB82371SB(U29)	72.5°C

Channel No.	Step Channel	Temperature
CH1-17 (TP17)	S3 Trio64V2/DX(U7)	72.3°C
CH1-18 (TP18)	Power 1	51.6°C
CH2-2 (TP2)	Power 2	56°C
CH2-3 (TP3)	SCSI HDD 1	52.5°C
CH2-4 (TP4)	SCSI HDD 2	57.2°C
CH2-5 (TP5)	SCSI HDD 3	66.1°C
CH2-6 (TP6)	SCSI HDD 4	67.1°C
CH2-7 (TP7)	SCSI HDD 5	67.1°C
CH2-8 (TP8)	SCSI HDD 6	68.8°C
CH2-9 (TP9)	SCSI HDD 7	70.1°C
CH2-10 (TP10)	SCSI HDD 8	67.3°C

8. Humidity Cycle Test

8.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 4 + 128MB * 2), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

8.2 Test Environment

Temperature: 35 °C

Relative Humidity: 90 %

8.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

8.4 Test Location

ERSO (Electronics Research & Service Organization)

8.5 Testing Result

Operating:

Step	Temperature (°C)	Relative Humidity (%)	Time (Hour:Minutes)	Status
1	35	20	1:30	Pass
2	35	20	2:00	Pass
3	35	80	3:00	Pass
4	35	80	4:00	Pass
5	40	50	1:30	Pass
6	40	50	4:00	Pass
7	40	85	2:00	Pass
8	40	85	12:00	Pass
9	25	50	2:00	Pass

Non-operating:

Step	Temperature (°C)	Relative Humidity (%)	Time (Hour:Minutes)	Status
1	60	20	1:30	Pass
2	60	20	2:00	Pass
3	60	80	3:00	Pass
4	60	80	4:00	Pass
5	60	50	1:30	Pass
6	60	50	4:00	Pass
7	60	90	2:00	Pass
8	60	90	12:00	Pass
9	25	50	2:00	Pass

9. Altitude Test

9.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 4 + 128MB * 2), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

9.2 Test Environment

Temperature: 24°C ~ 28°C

Relative Humidity: 45% ~ 55%

9.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

9.4 Test Location

ERSO (Electronics Research & Service Organization)

9.5 Testing Result

Condition	10000 feet	15000 feet
Operation	Pass	-
Non-operation	-	Pass

10. Vibration Test

10.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 4 + 128MB * 2), Cache 512KB (Internal)

- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

10.2 Test Environment

Temperature: 24°C ~ 28°C

Relative Humidity: 25% ~ 55%

10.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

10.4 Test Location

ERSO (Electronics Research & Service Organization)

10.5 Testing Result

Operating (SINE Mode):

No.	Condition	Frequency	Amplitude	Duration	Dwell	Endurance
	Unit	Hertz	Peak - Peak	Minutes	Minutes	Cycle
1.	Range 1	5 ~ 18	0.38mm	2	15	1 Cycle & 1 octv/min
2.	Range 2	18 ~ 250	0.25 G	4	15	

No.	Condition (SINE Mode)	Function Test	Physical
1.	X axis	Pass	Pass
2.	Y axis	Pass	Pass
3.	Z axis	Pass	Pass

11. Acoustic Noise Test

11.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 4 +128MB * 2), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

11.2 Test Environment

Temperature: 24°C ~ 28°C, Relative Humidity: 25% ~ 55%

11.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

11.4 Test Location

ERSO (Electronics Research & Service Organization)

11.5 Test Location

Operation position: under 50 dB

Non-Operation position: under 50 dB

11.6 Testing Result

1. Operator Position: BACKGROUND NOISE LEVEL: 17.6 dB

Condition 60cm	Noise Level (dB) LpA						Unit
	IDLE	FDD	WDD IDE	WDD SCSI	CD-ROM	WIN95	
Front	46.9	47.2	47.2	48.3	47.2	47.1	dB
Left	46.8	46.4	46.8	48.6	46.2	46.3	dB
Back	48.8	49.0	49.2	49.4	49.0	49.0	dB
Right	46.6	46.9	47.3	48.5	46.5	46.6	dB
Result	Pass	Pass	Pass	Pass	Pass	Pass	-

2. Bystander Position: BACKGROUND NOISE LEVEL: 17.6 dB

Condition 100cm	Noise Level (dB) LpA						Unit
	IDLE	FDD	WDD IDE	WDD SCSI	CD-ROM	WIN95	
Front	44.8	45.2	45.0	45.7	44.8	44.6	dB
Left	43.7	44.4	45.2	46.2	43.6	43.4	dB
Back	46.8	47.2	46.5	47.6	46.4	46.4	dB
Right	44.2	44.5	44.6	46.2	44.2	44.4	dB
Result	Pass	Pass	Pass	Pass	Pass	Pass	-

12. Shock Test

12.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 4 + 128MB * 2), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

12.2 Test Environment

Temperature: 24°C ~ 28°C

Relative Humidity: 25% ~ 55%

12.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

12.4 Test Location

ERSO (Electronics Research & Service Organization)

12.5 Testing Result

<i>Operation Shock Test</i>				
<i>Condition</i>		<i>X axes</i>	<i>Y axes</i>	<i>Z axes</i>
10 G	15 ms Half-sine	Pass	Pass	Pass

<i>Non-Operation Shock Test</i>				
<i>Condition</i>		<i>X axes</i>	<i>Y axes</i>	<i>Z axes</i>
90 G	3 ms Half-sine	Pass	Pass	Pass

13. Incline Impact Test

13.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 4 + 128MB * 2), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

13.2 Test Environment

Temperature: 24°C ~ 28°C

Relative Humidity: 25% ~ 55%

13.3 Test Software

Running CMD multi-tasking test programs under Windows NT Server V4.0

13.4 Test Location

CETRA / (Packaging Research Laboratory)

13.5 Testing Gross Weight

Cross Weight: 50 KG

13.6 Testing Result

Incline Impact Test							
Test Condition		Front	Rear	Left	Right	Top	Bottom
150 cm high	10 degree	Pass	Pass	Pass	Pass	Pass	Pass

14. Appearance Check

14.1 Testing Configuration

- P/I-P65UP8 with Intel PentiumII-266 MHz CPU with fan
- DRAM 512MB (64MB * 4 + 128MB * 2), Cache 512KB (Internal)
- On-board IDE controller
- NEC FD-1231H 3.5 inch 1.44 MB floppy drive
- Seagate ST34501W 3.5 inch hard drive
- On-board S3 Trio64V2/DX PCI VGA with 1MB DRAM
- Elan Vital GP 0350-1 350W ATX power supply
- Elan Vital Aegis S-50 Super Server Case
- Microsoft serial mouse
- TECO TE9516S 14 inch green monitor

14.2 Test Environment

Temperature: 24°C - 28°C

Relative Humidity: 45% - 55%

14.3 Test Location

ASUSTek QT Lab

14.4 Test Result

Check Item	Contain	Result	Remark
Gap Check	panel gap, housing gap, device gap...	Pass	-
Scratch Check	housing color, sharp edge ...	Pass	-
Internal Assemble Check	cable, device match, SPS match, ...	Pass	-
External assemble Check	Panel , cover, LED, panel vent, rubber foot...	Pass	-