User Manual

Bedside Terminal Hardware System LS1851

TRADEMARK

Safety

IMPORTANT SAFETY INSTRUCTIONS

1. To disconnect the machine from the electrial power supply, turn off the power switch and remove the power cord plug from the wall socket. The wall socket must be easily accessible and in close proximity to the machine.

2. Read these instructions carefully. Save these instructions for future reference.

3. Follow all warnings and instructions marked on the product.

4. Do not use this product near water.

5. Do not place this product on an unstable cart,stand,or table.The product may fall, causing serious damage to the product.

6. Slots and openings in the cabinet and the back or bottom are provided for ventilation;to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered.The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface.This product should never be placed near or over a radiator or heat register,or in a built-in installation unless proper ventilation is provided.

7. This product should be operated from the type of power indicated on the marking label.If you are not sure of the type of power available, consult your dealer or local power company.

8. Do not allow anything to rest on the power cord. Do not locate this product where persons will walk on the cord.

9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

CE MARK

This device complies with the requirements of the EEC directive 2004/108/EC with regard to "Electromagnetic compatibility" and 2006/95/EC "Low Voltage Directive".

FCC

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that
    may cause undesired operation.

Federal Communications Commission statement
This equipment has been tested and found to comply with the limits for a class B digital device,
pursuant to Part 15 of the FCC rules. These limits are
designed to provide reasonable protection against harmful interference in a residential
installation. This equipment generates, uses, and can radiate radio
frequency energy and, if not installed and used in accordance with the instructions, may cause
harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this
equipment does cause harmful interference to radio or
television reception, which can be determined by turning the equipment off and on, the user is
encouraged to try to correct the interference by one or more
of the following measures:
˙Reorient or relocate the receiving antenna.
        ˙Increase the separation between the equipment and receiver.

˙Connect the equipment into an outlet on a circuit different from that to which the receiver is

connected.

˙Consult the dealer or an experienced radio/TV technician for help.

.interference that may cause undesired operation.

UL

CAUTION ON LITHIUM BATTERIES

There is a danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

LEGISLATION AND WEEE SYMBOL

2002/96/EC Waste Electrical and Electronic Equipment Directive on the treatment, collection, recycling and disposal of electric and electronic devices and their components.
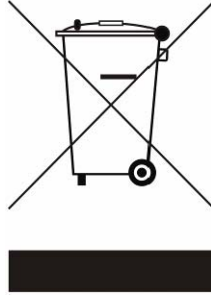
The crossed dustbin symbol on the device means that it should not be disposed of with other household wastes at the end of its working life. Instead, the device should be taken to the waste collection centers for activation of the treatment, collection, recycling and disposal procedure.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

This product should not be mixed with other commercial wastes for disposal.

CAUTION SYMBOL IN CARTON

Storage Temperature: -20~60 degree C
Storage Humidity: 30~93% RH
Atmospheric Pressure Range: 700~1060 hPa

Attention

 Attention, consult ACCOMPANYING DOCUMENTS

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

Revision History

Changes to the original user manual are listed below:

Version	Date	Description
1.0	2009 July	Initial release
1.1	2009 Sep	Add Arm installation
1.2	2009 Sep	Add Arm application condition Modified connector wording
1.3	2010 May	B68 motherboard added Jumper Setting updated
1.4	2010 July	Cleaning solution-Wipe with clean water.
1.5	2010 July	1. Add model number (page 1). 2. Add system weight including base, page 32). 3.Base installation (Page 31) 4. UL mark modified(Page 4) 5. Cleaning method (Page 33). 6. Caution symbol(Page 6) 7. Add File and control number(Page 1) 8. Remove nurse call wording(Page 32) 9. Remove mount description(Page 33) 10. Humidity range modified (Page 33) 11.Add attention mark (Page 6) 12.Add power adapter fuse spec(Page 33)

Table Contents

1 Item Checklist

Take the system unit out of the carton. Remove the unit from the carton by holding it by the foam inserts. The following contents should be found in the carton:
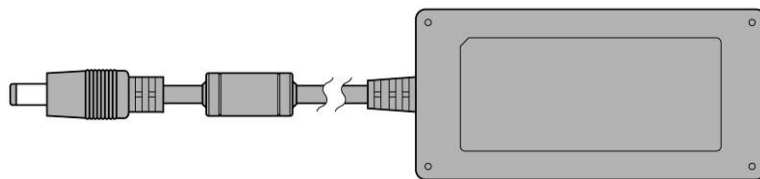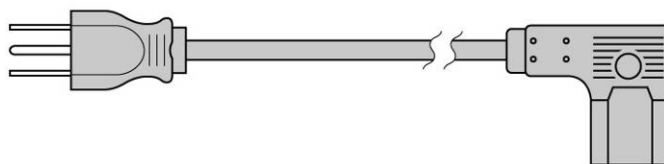
1-1 Standard Items
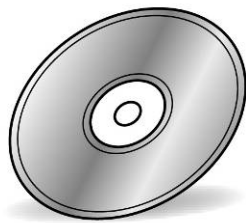
Driver CD
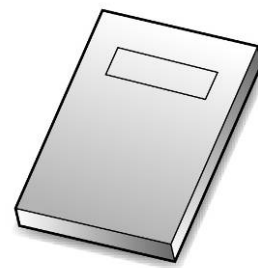
Manual

Power Adapter
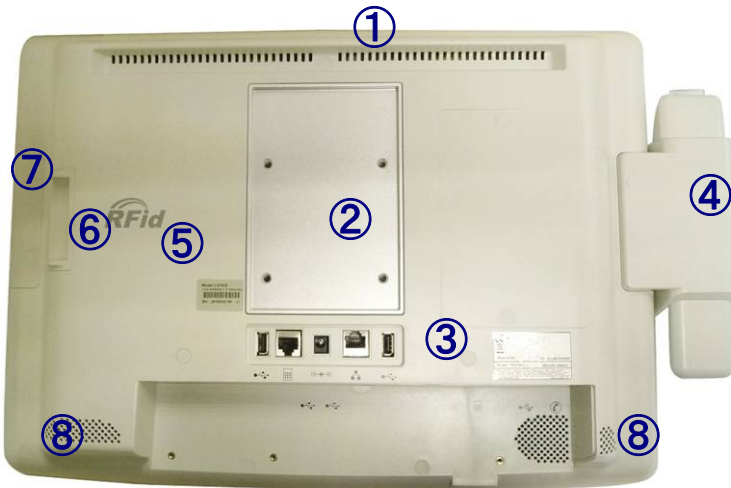
Power Cable

System

Phone Module

2 System View

2-1 Front View

System Overview table -1

Number	Component
1	Camera
2	TV Key pad (Power, volume and channel button)
3	Smart card reader slot
4	Phone set holder

2-2 Rear View

External equipment intended for connection to signal input/output or other connectors, shall comply with relevant UL standards (e.g. UL 60950-1 for IT equipment and UL 60601-1 / IEC 60601-1 series for medical electrical equipment)."

System Overview Table -2

Number	Component
1	Ventilation
2	VESA Holes
3	Rear I/O (USBx2, DC-IN, RJ48 , LAN Connector)
4	Phone Set Holder
5	RFID Sensor
6	Smart Card Reader Slot
7	MSR Slot (Option)
8	Speakers

2-3 Side View

System Overview Table -3

Number	Component
1	Smart Card Reader Slot
2	MSR Slot (Option)

2-4 I/O View
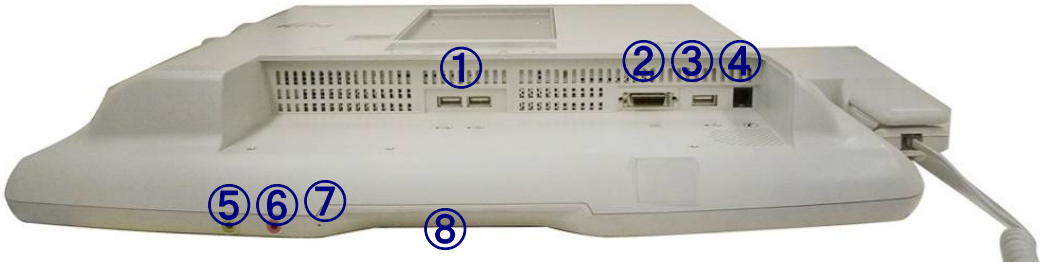
System Overview Table -4

Number	Component Description
1	USB x 2
2	SCSI Connector
3	USB x 1
4	Phone Jack (RJ11)
5	Audio Line-out
6	Audio MIC-IN
7	Built-in MIC
8	Smart Card Reader Slot

2-5 Stand
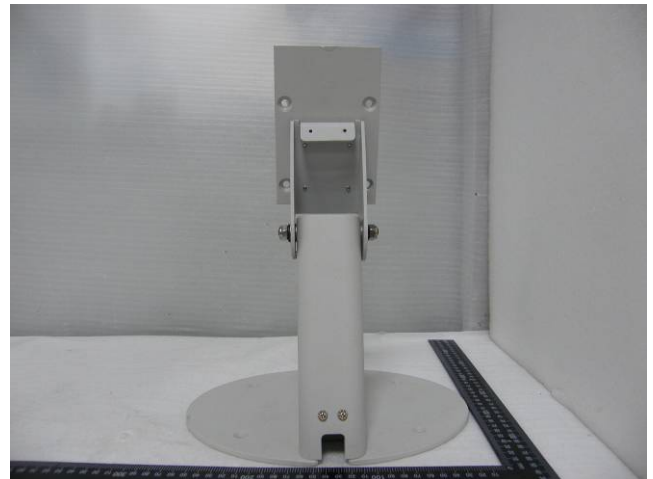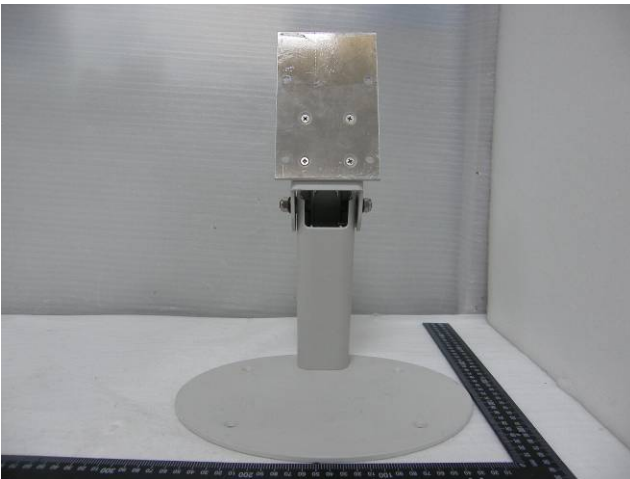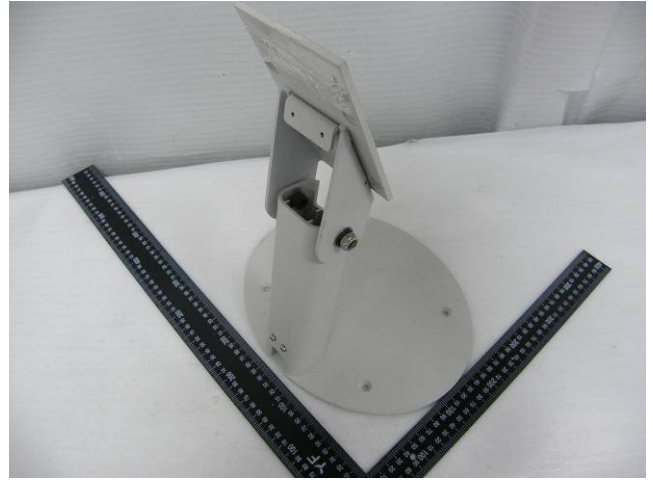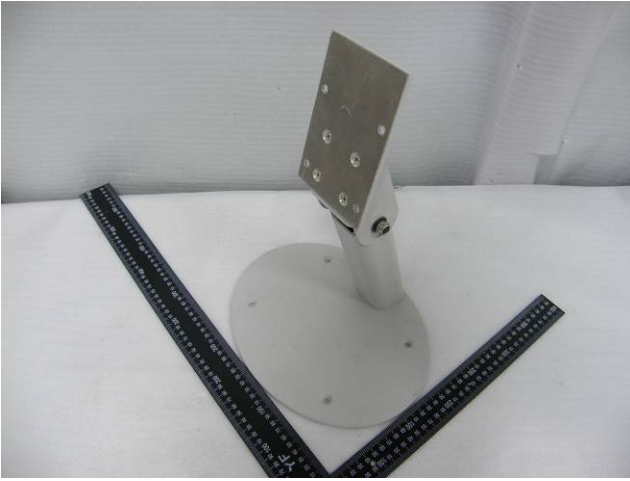
3 Driver Installation

3-1 Driver List

B78 V2.2 Driver List

Folder/File	File Description
<CD>:\ POS360_B78.htm	Driver List
<CD>:\COMMON\INTEL\Chipset\i8xx	Chipset Driver
<CD>:\COMMON\INTEL\USB20	USB 2.0 Driver
<CD>:\COMMON\INTEL\VGA\i85x	VGA Driver
<CD>:\COMMON\Ac97_codec\Realtek\ALC202A	Audio Driver
<CD>:\COMMON\ POS_Touch	POSTouch Driver
<CD>:\COMMON\ELO_Touch	ELO Touch Driver
<CD>:\COMMON\Lan_driver\Realtek_PCI	10/100/1000Mb LAN Driver

-The following procedures are for Windows 2000/XP, other platforms are similar.

3-2 Chipset Driver Installation

Model name (Motherboard)	Function	OS	Note
(B78)	Chipset	Windows	
	USB 2.0	Win9X, ME	
		Win2K	
	VGA	WinNT4	
		Win9X, ME	
		Win2K, XP	Version: 14.19.50
		Linux	
	Audio	WinNT4	
		Win9X, ME, 2K, XP	
		Vista	
		Linux	

a. Click "Chipset" in the Driver List menu of POS360 B78.
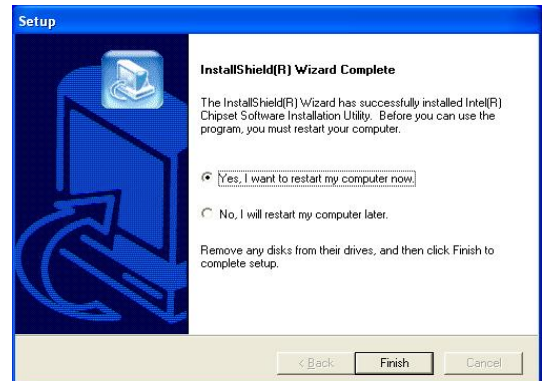
b. Double-click "infinst_enu_6.0.1.1002.exe" on the My computer window.
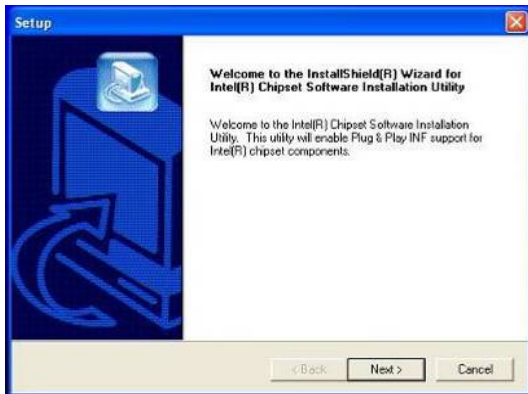
c. Click the "Next" button on the Welcome window.
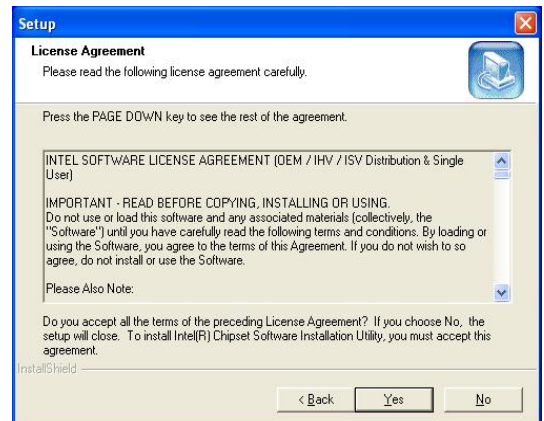
d. Click the "Yes" button on the License Agreement window.
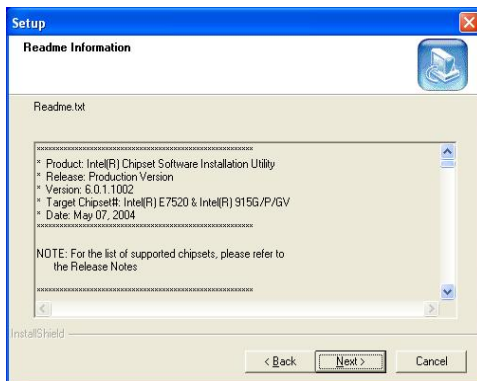
e. Click the "Next" button on the Readme Information window.

f. Click the "Finish" button and restart your system.

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3-3 USB 2.0 Driver Installation

OS Requirements

| OS	USB 2.0 requirements
Windows XP	USB 2.0 drivers are provided in Service Pack 1 (SP1) for Windows XP, which is available through Windows Update.
Windows 2000	USB 2.0 drivers are available through Windows Update or Service Pack 4.
Windows 98SE/Me	USB 2.0 drivers are available on the Intel developer site.
Windows 98 (Retail)	Developers and OEMs should contact Orange Ware. For end-users, if your device does not ship with Windows 98 drivers, contact your device or system manufacturer. If USB 2.0 drivers are not available, your device will operate at USB 1.1 speeds
Linux	USB 2.0 support is available in kernel 2.4.19 or later development kernels, or in the 2.4.19 or later production kernel. More information.
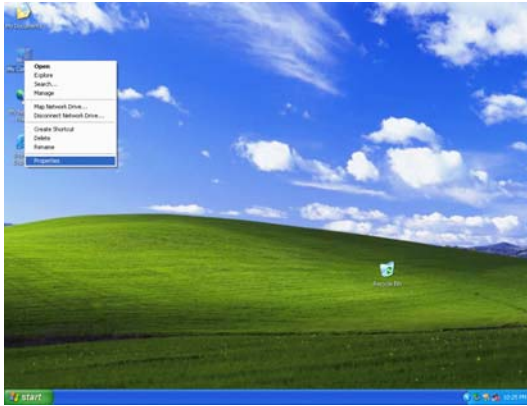
a. Right click My Computer on the desktop and select "properties"
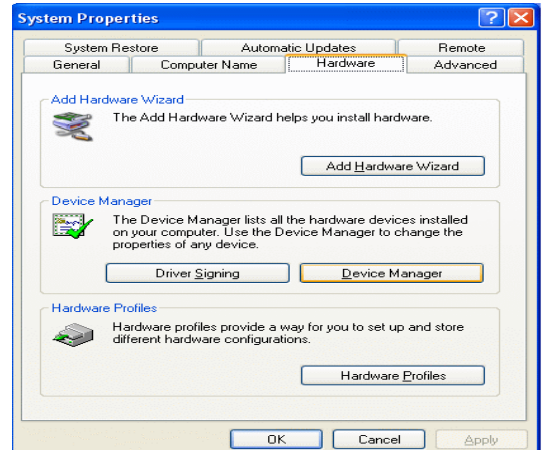
b. Select "Hardware"→"Device Manager" on system properties
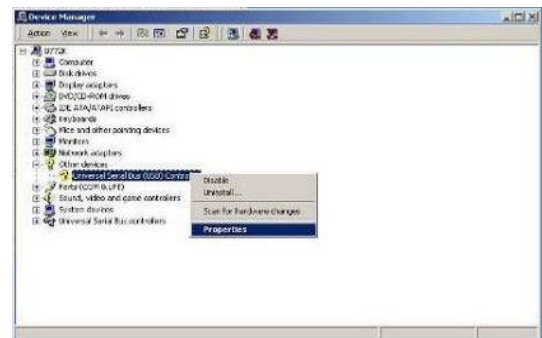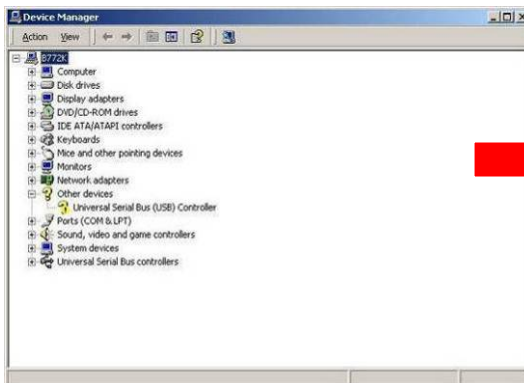
c. Select "Other Devices" → "Universal Serial Bus (USB) Controller" →"Properties" on Device Manager
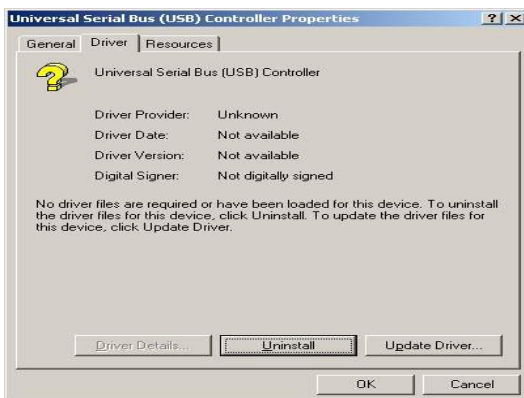
d. Select "Device"→ "Update Driver

e. Click the "Next" button on the welcome window.

f. Select "Search for a suitable…"and click the "Next" button on the Install Hardware Device Drivers window

g. Select "Specify a location" and click the "Next" button on the Locate Driver Files window.

h. Press "Browse" to select the driver and then click the "OK" button to go to the next page

i. Click the "Next" button on the Driver Files Search Results window.

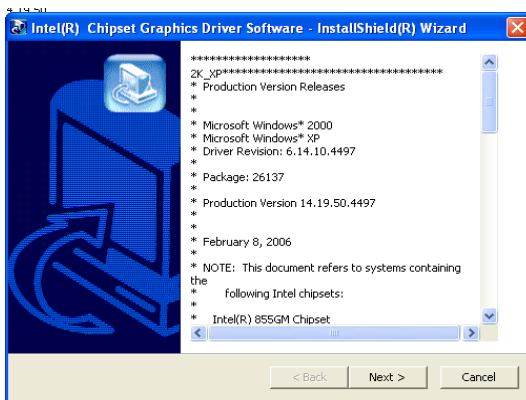j. Click the "Finish" button to complete this process.

k. Finished.
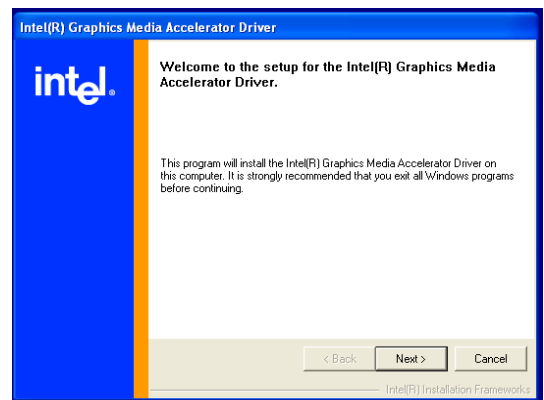
3-4 VGA Driver Installation

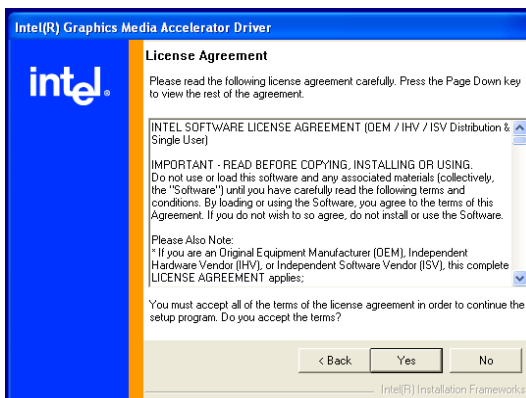a. Click "Win2K_XP" of "VGA" section in the Driver List menu.

b. Click "Run" when the "File Download – Security Warning" dialog pops up.

c. Click the "Next" button on the Intel(R) Chipset Graphics Driver Software-Install Shield(R) Wizard dialog.

d. Click the "Next" button on the Intel(R) Graphics Media Accelerator Driver dialog.

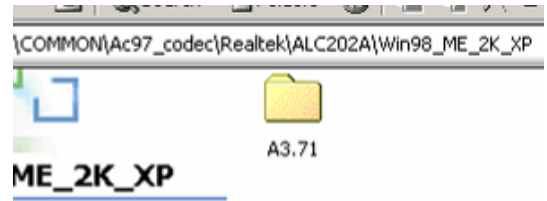e. Click the "Yes" button on the Intel(R) Graphics Media Accelerator Driver dialog.

f. Select "Yes, I want to restart my computer now" and click the "Finish" button on the Intel(R) Graphics Media Accelerator Driver dialog.
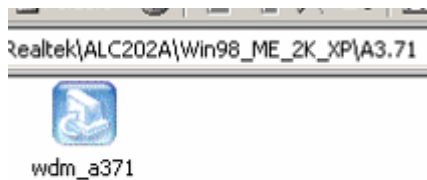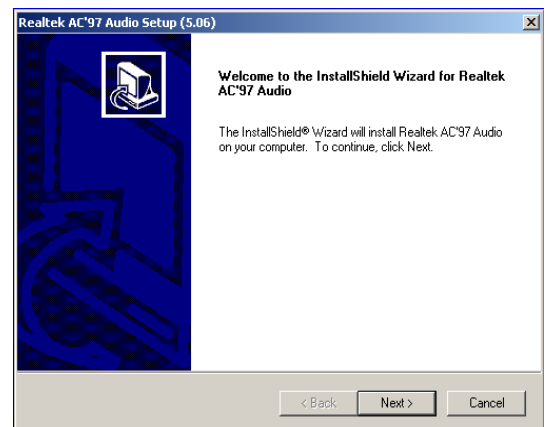
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3-5 Audio Driver Installation

a. Click "Win9X,ME,2K_XP" of the "Audio" section in the Driver List menu.

b. Double-click "A3.71" on the My Computer window.
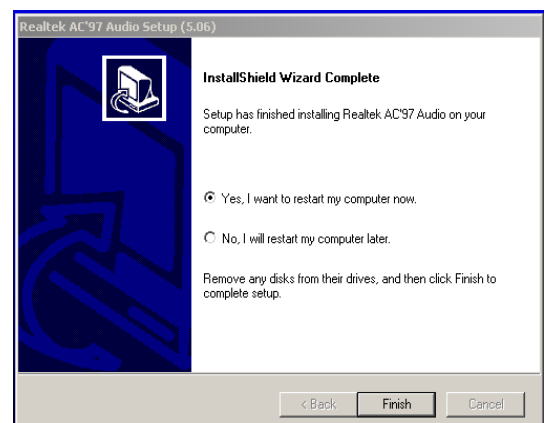

c. Double-click "wdm_a371.exe" on the My Computer window.

d. Click "Next" button on the Realtek AC'97 Audio Setup window.

e. Click "Yes" button on the Digital Signature Not Found window.

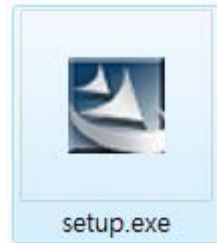f. Click "Finish" button on the Realtek AC'97 Audio Setup window.

3-6 10/100/1000MB LAN Driver Installation

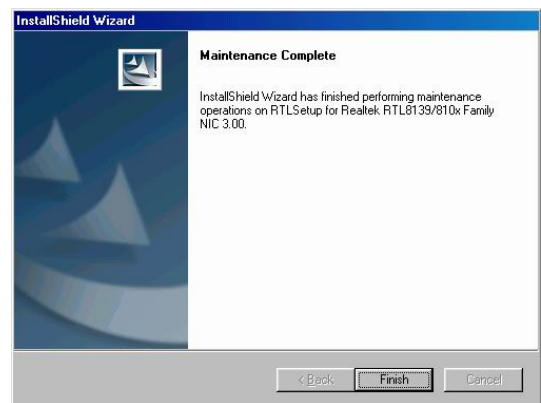|	
PCI 100Mb LAN for **B78 v1.0**	DOS
	Win9X, ME, 2K, XP
• Realtek RTL8139 / 8100	Vista
	Linux
PCI 1000Mb LAN for **B78 v2.0**	DOS
	Win9X, ME, 2K, XP
• Realtek RTL8110	Vista
	Linux

a. In the "Realtek RTL8110" section, click on Win9X, ME, 2K, XP

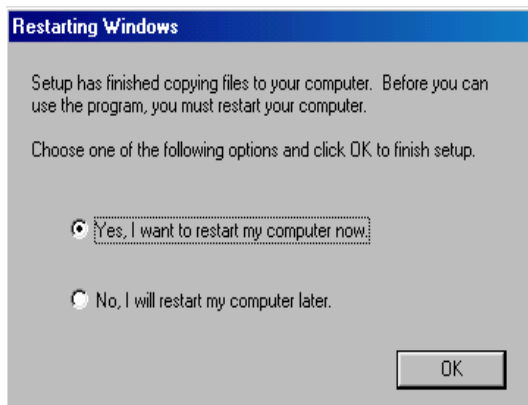b. Double-click "v709"

c. Double-click Setup.exe

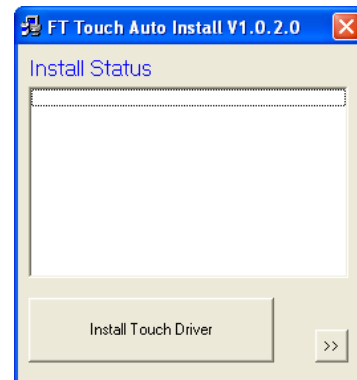d. Click the Finish button on the Maintenance Complete window.

Restarting Windows

Setup has finished copying files to your computer. Before you can use the program, you must restart your computer.

Choose one of the following options and click OK to finish setup.

⦿ Yes, I want to restart my computer now.

○ No, I will restart my computer later.

OK

e. Click the OK button and restart your system.

3-7 ELO Touch Driver Installation

a. In the "ELO" section, click on "Windows".

b. Click "Install Touch Driver" on "FT Touch Auto Install V1.0.2.0" window to detect the touch type in your system.
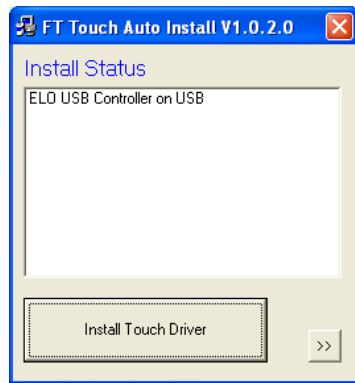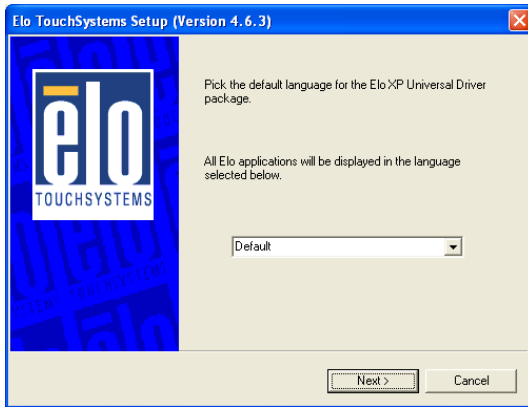

c. Click "Install Touch Driver".

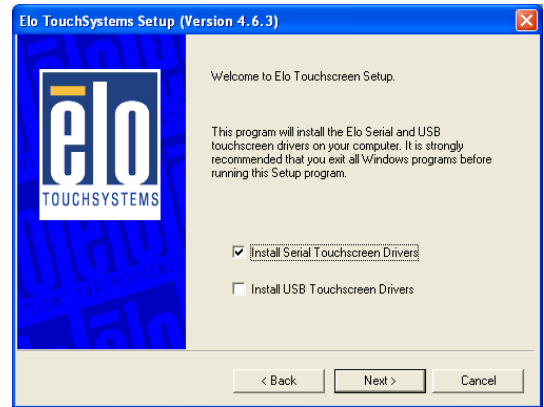d. A "WinZip Self-Extractor" dialog will pop up. Click "OK".

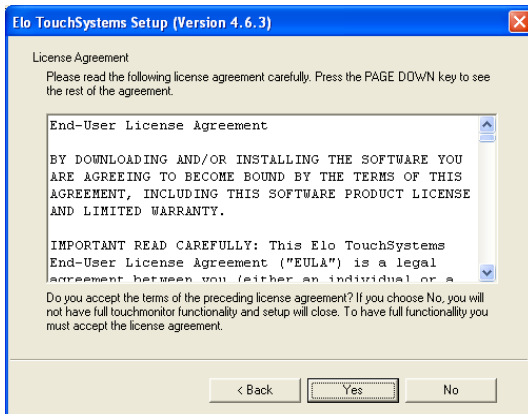e. Click "Browse" button to identify a location or folder name to save to. Click "Unzip" button to extract the files.
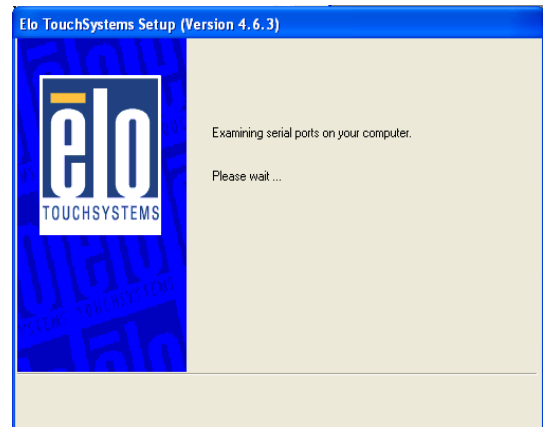

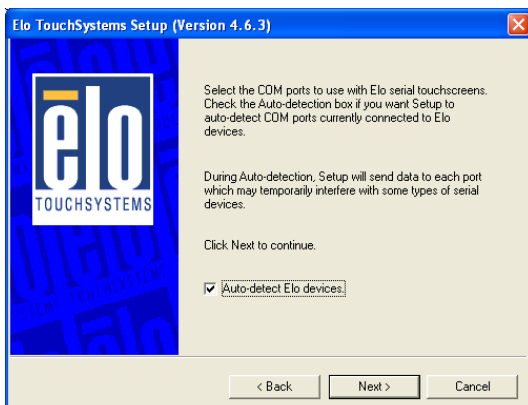f. Finished unzipping. Click "OK".

g. Click "Next".

h. Check the "Install Serial Touchscreen" Drivers" check box and click "Next".

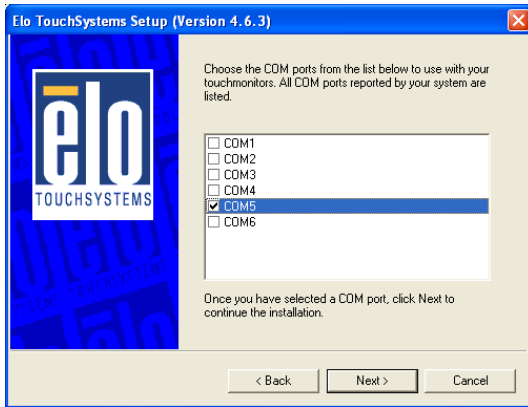i. Click "Yes" to accept the "End User License Agreement".

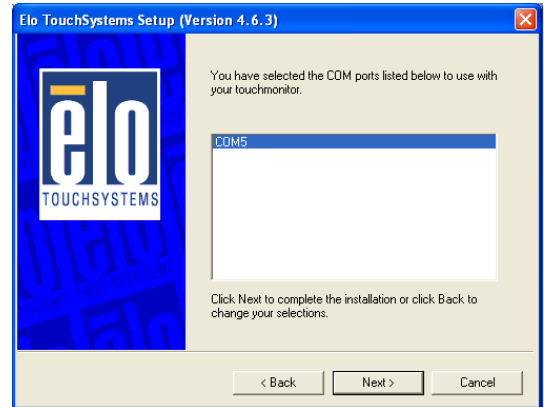j. Examining serial ports on the computer

k. Check the box "Auto-detect Elo devices" and click "Next".
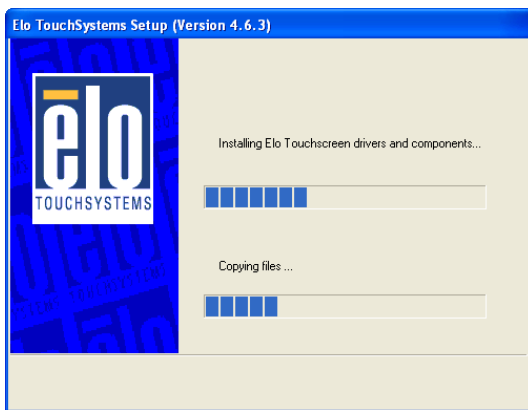

l. The computer is searching for a connected to Elo Touchscreen

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m. Touchscreen found on "COM5".
Click "Next".

n. Click "Next" to complete the driver
installation

o. Driver is installing

p. The driver installation and setup are
now complete. Click "Finish" to start
the touchscreen calibration.
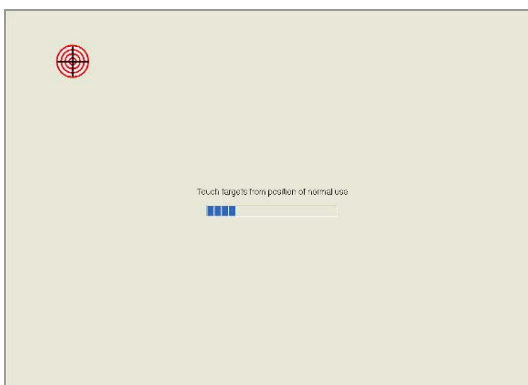
q. Follow the instructions on the screen
to calibrate the Touchscreen.

r. Verify that the touchscreen is working
correctly by moving your finger on the
screen. The mouse cursor should
follow your finger. Finally, touch the
green checkmark to save the
calibration settings and exit the
program

3-8 POSTouch Driver Installation

a. In the "Touch Screen auto…" section, click "Windows".

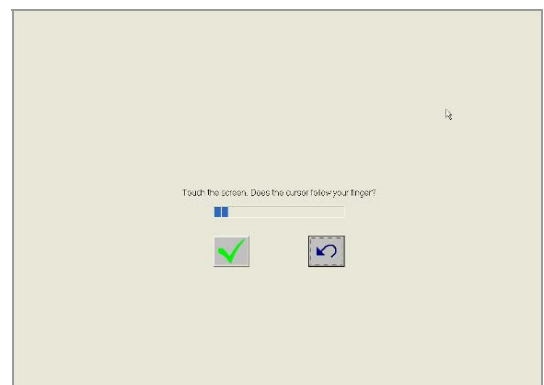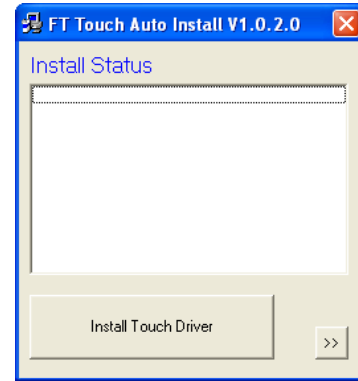b. Click "Install Touch Driver" on "FT Touch Auto Install V1.0.2.0" window to detect the touch type in your system.
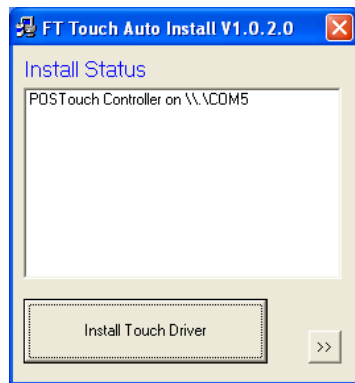
c. "FT Touch Auto Install" program will detect what touch type and interface being installed on the system.
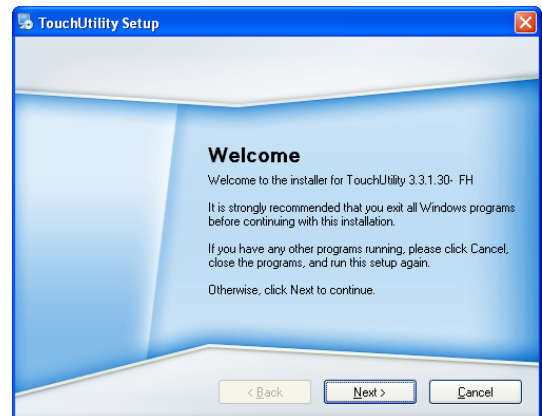
d. Click "Next".
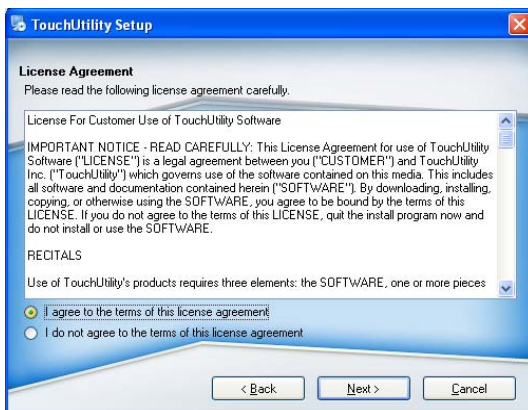
e. Select "I agree…" and click "Next".
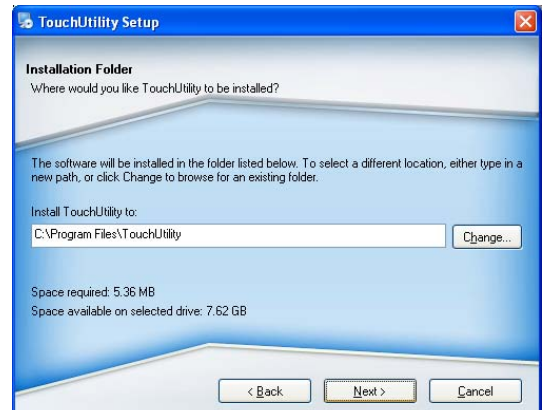
f. Select the installation folder for the touch utility driver and click "Next".
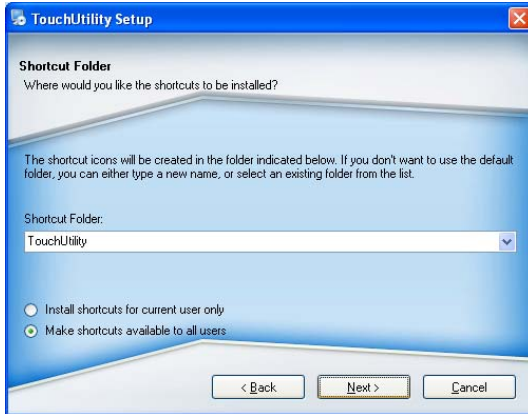
g. Select the shortcut folder for the touch utility driver and click "Next".

h. Click "Next".
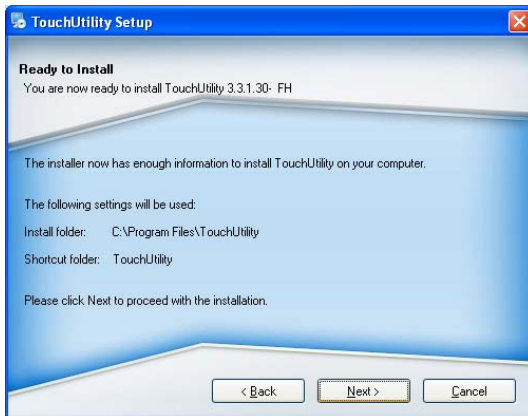
i. Click "Next".
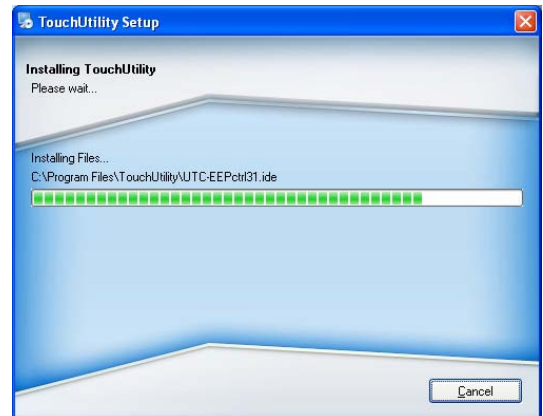
j. The computer is installing the touch driver

k. Click "Continue Anyway" button.
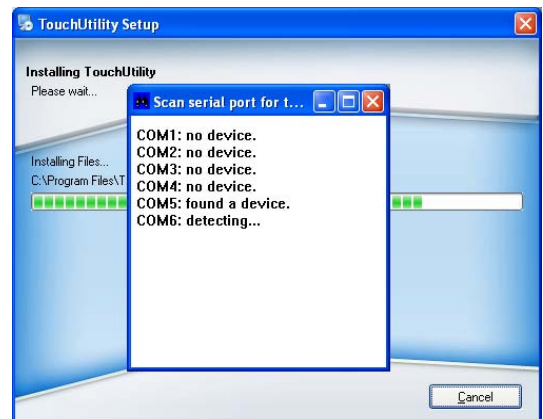
l. The serial ports are scanned for a touch device. The Touch panel is on COM5.

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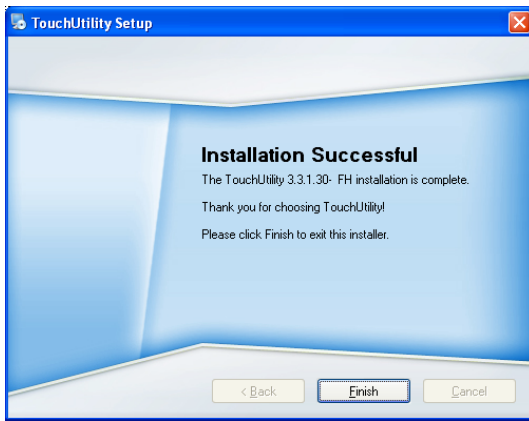
m.   Click "Finish".
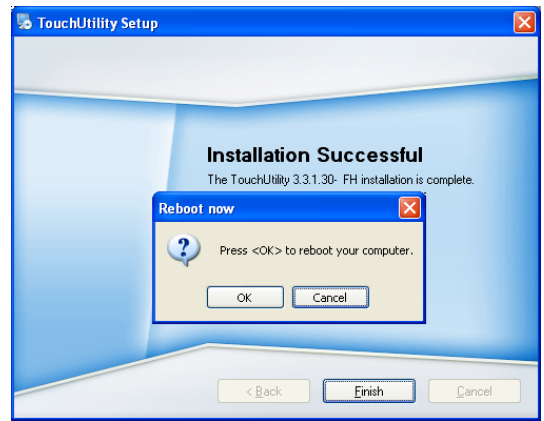
n. Click "OK" to restart the computer and finish the touch utility installation.
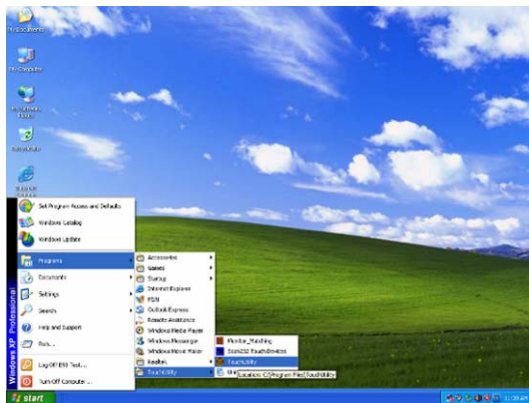
o. The computer has restarted. Click on the "Start" button, select "Programs", then select "Touchutility".
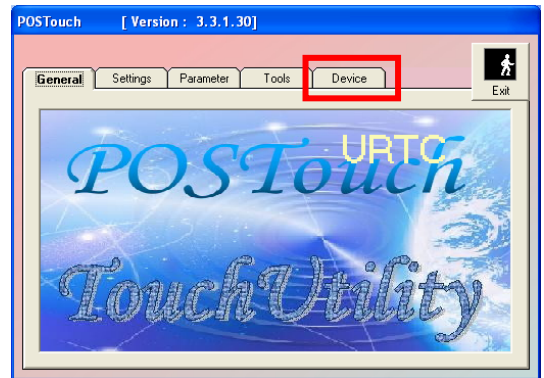
p. Select the Device tab.
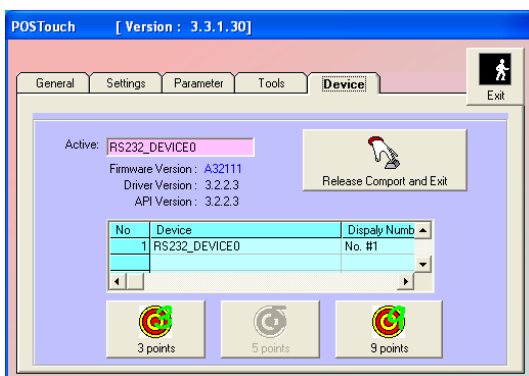
q. Click on the 3 points or the 9 points calibration button.
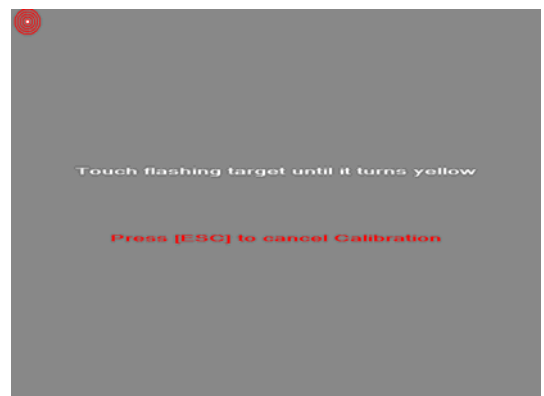
r. Follow the instructions on the screen to do the calibration of the touch panel
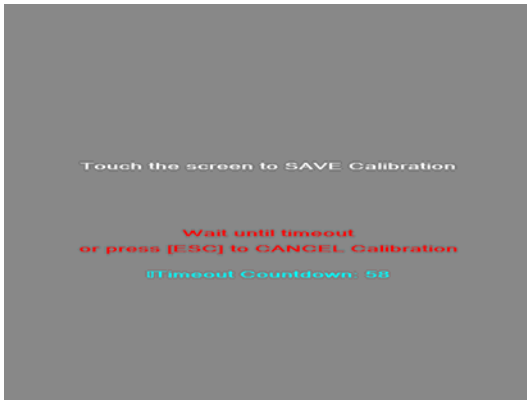
s. Touch anywhere on the screen to save
   the calibration.

4 Peripheral Installation

4-1 Phone Set Installation

a. Slide the Phone module into the Phone set holder as the direction of arrow shows.

b. Connect the phone cable to the connector on the Phone module.

c. Connect the other end of the Phone cable to the connector on the System.

4-2 Stand Installation

    a. Four M6x10 screw for stand installation.

5 Specification

Model Name	Bedside Terminal	
Motherboard	B78 v2.2	B68 v1.0
CPU Supports	Celeron M ULV 1.0GHz, 512kb cache	Intel Atom N270 processor 1.6GHz L2 512K
Chipset	Intel 852GM and ICH4 FSB 400Mhz	Intel 945GSE Express and ICH7M FSB 533MHz
System Memory	2 x DDR SO-DIMM slot, up to 2 GB	2 x DDRII SO-DIMM slot, up to 2GB
Graphic Memory	Share system memory max 64MB	Share system memory max 224MB
LCD / Touch Panel		
LCD Size	18.5" TFT LCD	
Brightness	300nits	
Maximal Resolution	1366x 768	
Touch Screen Type	Resistive touch(USB interface)	
Storage		
HDD	2.5" Slim HDD bay, SATA HDD	
Expansion		
mini-PCI Slot	1, support 802.11 b/g,a/b/g WLAN card	
External I / O Ports		
USB 2.0	3 x USB Type A	
Audio Jack	1 x MIC-in, 1 x Line-out	
Handset Jact	1 x RJ-11 (Not connected to telecommunication system)	
Remote control	1 x SCSI 26pin	
Interfaces accessible via secure / hidden arm access panel		
RJ48 system	1 x RJ-48 (Not connected to telecommunication system)	
Ethernet connection 10/100/1000MB	1 x RJ-45	
USB 2.0	2 x USB Type A	
Power input	19V DC / 4.74A	
Audio		
Speaker	2 x 3W Speaker	
Power		
Power Adapter	DC 19V / 90W	

Environment	
EMC & Safety	FCC Class B, CE, LVD
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)
Storage Temperature	-20° ~ 60°C (-4°F ~ 140°F)
Operating Humidity	30% - 93% RH non-condensing
Storage Humidity	30% - 93% RH non-condensing
Altitude during operation	An atmospheric PRESSURE range of 700 hPa to 1060 hPa.
Dimension (W x D x H)	462 .5x 336 x 75 (mm) (Without handset)
Weight	6.8 kg including telephone cradle and handset (max) 9.6 kg including telephone cradle and handset and Stand (max)
Power supplier	100~240VAC to 19V DC (90W) power brick
Power Brick	Input voltage: 100~240VAC Input frequency: 47 to 63 Hz Input current: 1.06 to 0.45 A Output voltage:19V Output current: 4.74A Output power: 90W max Supply Class I adapter equipment of IPX0 classification continuous
Power adapter fuse	Supplier: CONQUER P/N:MST2.50 Supplier: BEL FUSE P/N:RST2.5 Rate voltage:250V Rated current: 2.5A
OS Support	Windows-XP / Linux
Optional Additional Features (Note: options which can be retro-fitted to be advised)	
Camera (Build in)	1.3M pixels CCD camera module
Magnetic stripe card reader(Optional)	ISO 3 tracks MSR module (side mounting)
Wireless connectivity(Optional)	802.11 b/g, a/b/g WLAN with bulit-in antennas
Smart card reader dual interface(Optional)	Internal USB connection (option) Mifare passive RFID reader below 5cm distance

Application

Access to patient records / Hospital administration system / Bed management

Manufactory information:

Factory：Flytech Technology Co., Ltd.

Address：No. 34, Wu-Cyuan 3rd Road, Wu-Gu Township, Taipei Hsien, Taiwan
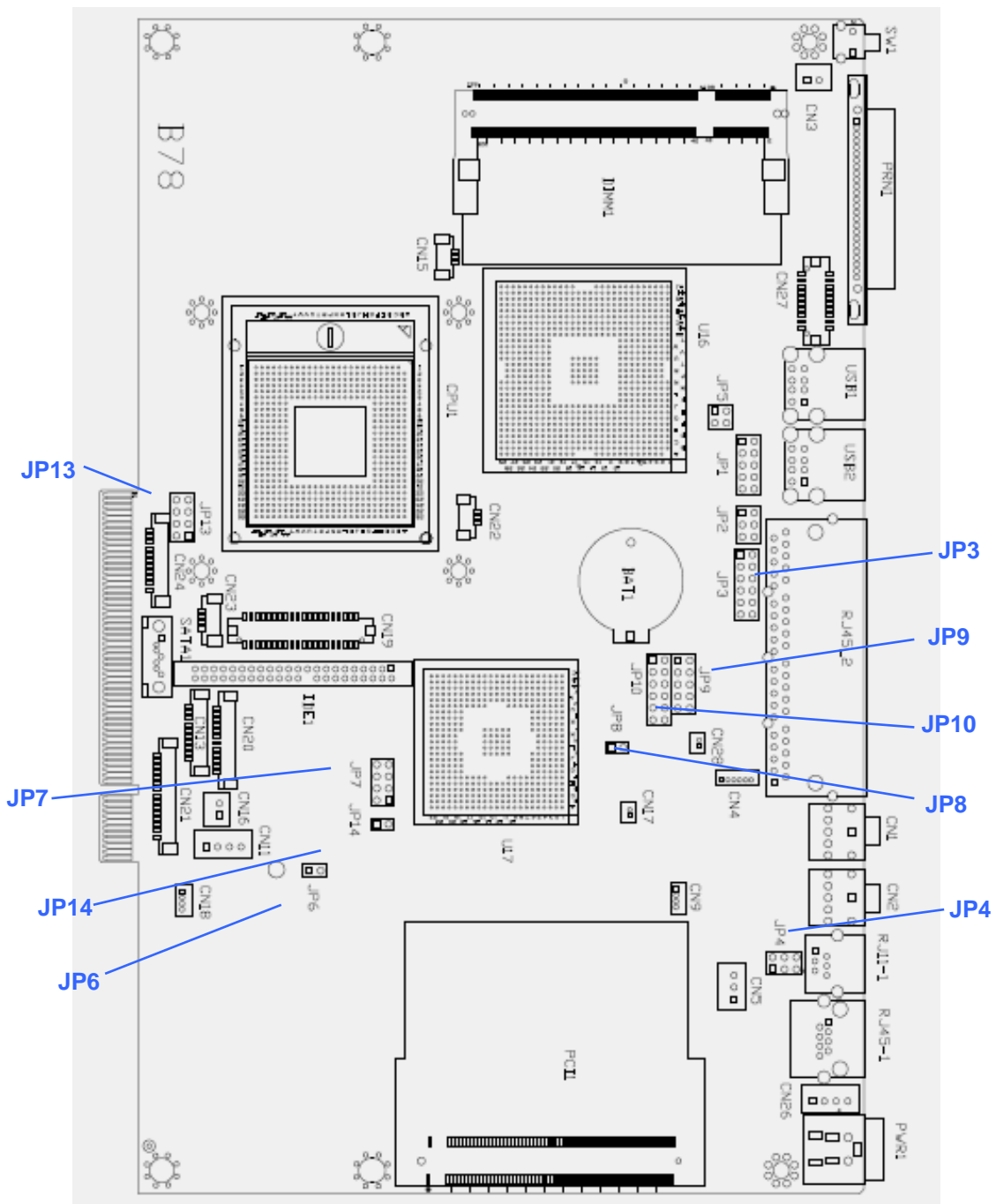
Tel No：886-2-2298-2696

Fax No：886-2-2298-2786

Note: Cleaning solution-Wipe with cloth using clean water, 2 times a week.

6 Jumper Settings
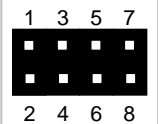
6-1 B78 motherboard

6-1-1 Motherboard Layout

6-1-2 Connectors & Functions

Connector	Function
BAT1	CMOS Battery Base (Use CR2023)
CN1	Audio Line Out
CN2	Audio MIC In
CN3	Internal Power Switch
CN4	Speaker & MIC Connector
CN9	CD-IN Connector
CN11	Power Connector For 3.5" HDD
CN13	COM5 for Touch
CN15	CPU FAN Connector
CN16	Hardware Reset
CN18	USB2
CN19	LCD Interface Connector
CN20	Inverter Connector
CN21	Card Reader Connector
CN22	System FAN Connector
CN23	IrDA Connector
CN24	FT Status Interface
CN26	Internal Power In Connector
CN27	Internal LPT Connector
CN28	Internal PCI Reset Output Connector
IED1	Secondary IDE Connector (Pitch = 2.0mm)
PRN1	Parallel Port
PWR1	+19V Power Adaptor
RJ11_1	Cash Drawer Connector
RJ45_1	LAN (On Board)
RJ45_2	COM1, COM2, COM3, COM4
SATA1	SATA Connector
USB1	USB3, USB4
USB2	USB5, USB6
JP1	VGA Port
JP2	VGA Power

6-1-3 Jumper Setting

LCD ID Setting

Panel #	Resolution	LVDS		JP7
		Bits	**Channel**	**(1-2) (3-4) (5-6) (7-8)**
1	1366 x 768	24	Single	1 3 5 7 / 2 4 6 8

Power Mode Setting

Function	JP6 (1-2)
ATX Power	
◎AT Power	
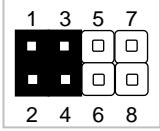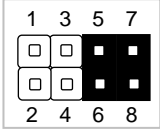
CMOS Operation Mode

Function	JP8 (1-2)
◎CMOS Normal	
CMOS Reset	

USB Path Setting (do not change)

Function	JP14 (1-2)
To Docking	☐☐
◎To Motherboard	■■

System Indicator Function (do not change)

Function	JP13 (1-2) (3-4) (5-6) (7-8)
◎Disable	1 3 5 7 ■ ■ ☐ ☐ ■ ■ ☐ ☐ 2 4 6 8
Enable	1 3 5 7 ☐ ☐ ■ ■ ☐ ☐ ■ ■ 2 4 6 8

◎ = Default

Note:

OPEN   SHORT

6-2 B68 Motherboard

6-2-1 Motherboard Layout

Version: B68 v1.0

6-2-2 Connectors & Functions

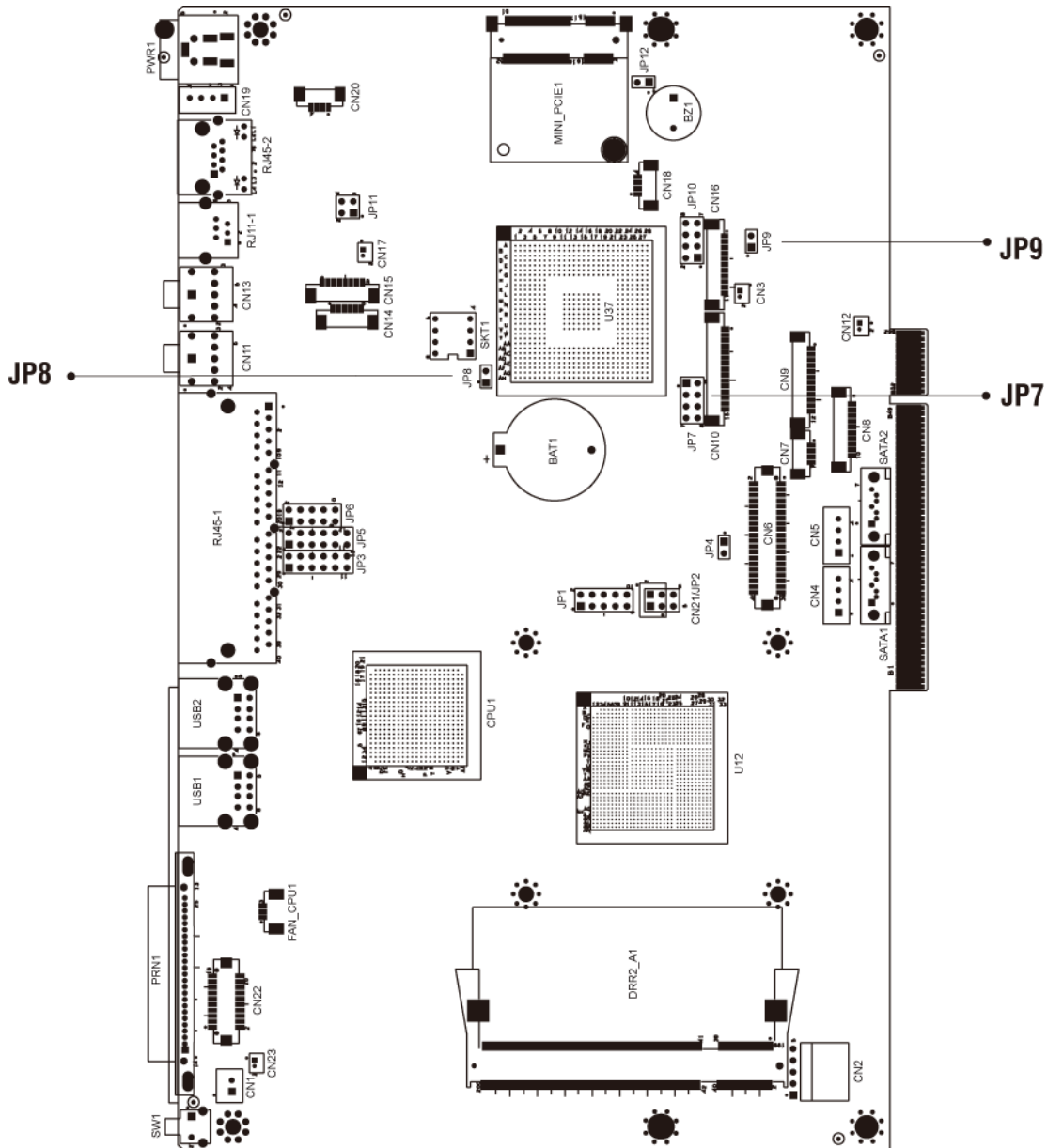| Connector	Function
BAT1	CMOS Battery Base (Use CR2023)
CN1	Power On Button
CN2	Touch Sensor
CN3	Power LED
CN4	SATA1 HDD Power Connector
CN5	SATA2 HDD Power Connector
CN6	LCD Interface Connector
CN7	IrDA Connector
CN8	For External Touch Connector
CN9	Inverter Connector
CN10	Card Reader Connector
CN11	Line Out
CN12	LED Power
CN13	MIC In
CN14	Speaker & MIC CONN
CN15	CD-IN CONN
CN17	LAN LED
CN18	USB5
CN19	DC-JACK
CN20	PS2 KEYBOARD
CN21	For Beside Terminal
CN22	LPT Interface for Touch
CN23	For LPT Touch Reset
DDR2_A1	DDR2 SO-DIMM1
DDR2_A2	DDR2 SO-DIMM2
PRN1	Parallel Port
PWR1	+19V Power Adaptor
RJ11_1	Cash Drawer Connector
RJ45_1	COM1, COM2, COM3, COM4
SATA1	SATA Connector
SATA2	SATA Connector
USB1	USB1, USB2
USB2	USB3, USB4
SW1	Power On Bottom
JP1	CRT Connector
JP2	CRT Power/I2C Connector

JP7	LCD ID Setting
JP8	RTC Reset
JP9	AT Function
JP12	Hardware Reset

6-2-3 Jumper Setting
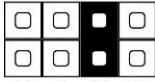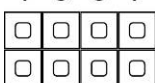
Power Mode Setting
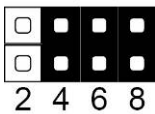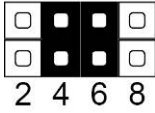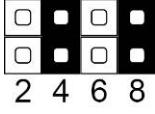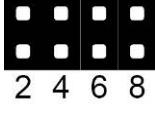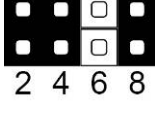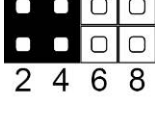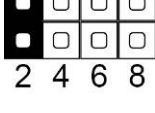
Function	JP9 (1-2)
ATX Power	□ □
◎AT Power	■ ■

CMOS Operation Mode

Function	JP8 (1-2)
◎CMOS Normal	□ □
CMOS Reset	■ ■

LCD ID Setting

Panel #	Resolution	LVDS Bits	LVDS Channel	Output Interface	JP7 (1-2) (3-4) (5-6) (7-8)
◎1	1366 x 768	24	Single	LVDS Panel	1 3 5 7 / 2 4 6 8
2	1440 x 900	24	Dual	LVDS Panel	1 3 5 7 / 2 4 6 8
4	1920 x 1080	24	Dual	LVDS Panel	1 3 5 7 / 2 4 6 8

Panel #	Resolution	LVDS		Output Interface	JP7 (1-2) (3-4) (5-6) (7-8)
		Bits	Channel		
5	1024 x 768	24	Single	LVDS Panel	1 3 5 7 — (1-2 OPEN, 3-4 SHORT, 5-6 SHORT, 7-8 SHORT) — 2 4 6 8
6	1280 x 1024	24	Dual	LVDS Panel	1 3 5 7 — (1-2 OPEN, 3-4 SHORT, 5-6 SHORT, 7-8 OPEN) — 2 4 6 8
7	800 x 600	24	Single	LVDS Panel	1 3 5 7 — (1-2 OPEN, 3-4 SHORT, 5-6 OPEN, 7-8 SHORT) — 2 4 6 8
9	1024 x 768	18	Single	LVDS Panel	1 3 5 7 — (1-2 SHORT, 3-4 SHORT, 5-6 SHORT, 7-8 SHORT) — 2 4 6 8
11	800 x 600	18	Single	LVDS Panel	1 3 5 7 — (1-2 SHORT, 3-4 SHORT, 5-6 OPEN, 7-8 SHORT) — 2 4 6 8
12	800 x 600	18	Single	LVDS Panel	1 3 5 7 — (1-2 SHORT, 3-4 SHORT, 5-6 OPEN, 7-8 OPEN) — 2 4 6 8
				CRT	1 3 5 7 — (1-2 SHORT, 3-4 OPEN, 5-6 OPEN, 7-8 OPEN) — 2 4 6 8

Remark:

Panel ID#12 is specialized for Sharp 12.1" LQ121S1LG41/ LQ121S1LG42 panel.

Note:

OPEN   SHORT

7   BIOS Settings

7-1 BIOS Setup Utility

The BIOS setup defines how the system is configured. You need to run this program the first time you configure this product. You may need to run it again if you change the configuration.

You need to connect a PC keyboard to the keyboard connector to run the BIOS setup utility.

7-2 Starting the BIOS Setup

Turn on or reboot this product.

Press the DEL key immediately after the product is turned on, or press the DEL key when the following message is displayed during POST (the Power on Self-Test)

Press DEL to enter SETUP.

The main menu of the BIOS setup is displayed.

If the supervisor password is set, you must enter it here.

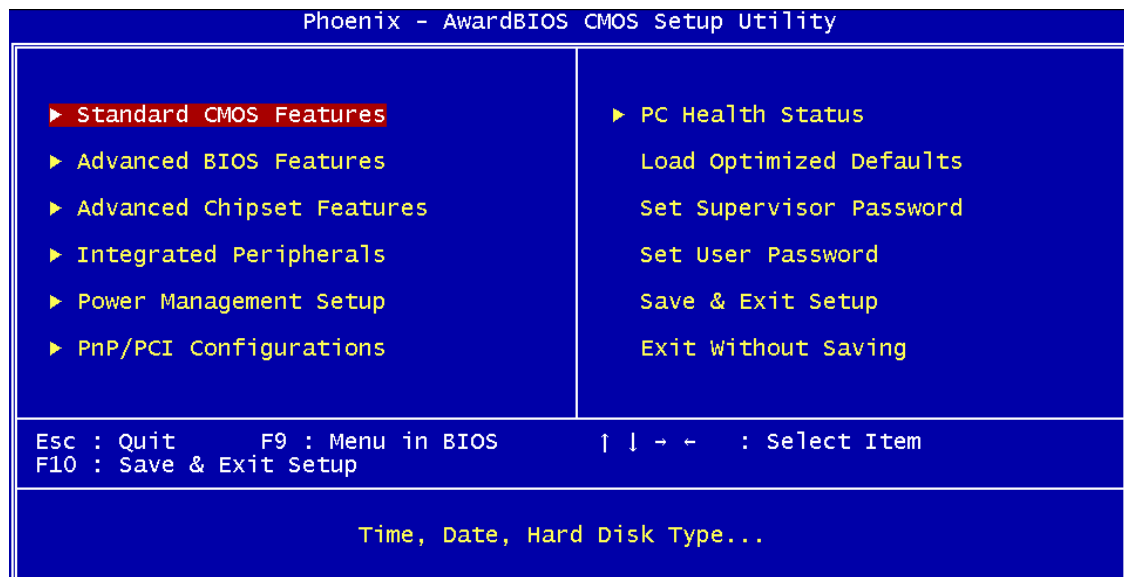## 7-3 When a Problem Occurs

If, after making and saving system changes with the Setup utility, you find that this product no longer boots, start the BIOS setup and execute the following

Load Optimized Defaults

7-4 BIOS Main Menu

When the BIOS Main Menu is displayed, the following items can be selected. Use the arrow keys to select items and the Enter key to accept and enter the sub-menu.

Note: The BIOS setup menus shown in this section are for reference only and may not exactly match the items of your BIOS version.

.

```
          Phoenix - AwardBIOS CMOS Setup Utility

  ▶ Standard CMOS Features          ▶ PC Health Status

  ▶ Advanced BIOS Features             Load Optimized Defaults

  ▶ Advanced Chipset Features          Set Supervisor Password

  ▶ Integrated Peripherals             Set User Password

  ▶ Power Management Setup             Save & Exit Setup

  ▶ PnP/PCI Configurations             Exit Without Saving


  Esc : Quit      F9 : Menu in BIOS     ↑ ↓ → ←   : Select Item
  F10 : Save & Exit Setup

                Time, Date, Hard Disk Type...
```

Standard CMOS Features

Use this menu for basic system configuration.

Advanced BIOS Features

Use this menu to set the Advanced Features available on the system.

Advanced Chipset Features

Use this menu to change the values in the chipset registers and optimize the system's performance.

Integrated Peripherals

Use this menu to specify your settings for integrated peripherals.

Power Management setup

Use this menu to specify your settings for power management.

PnP/PCI Configurations

This entry appears if your system supports Plug and Play and PCI Configuration.

PC health status

Displays CPU, System Temperature, Fan Speed, and System Voltages Value.

Load Optimized Defaults

Use this menu to load the BIOS default values, i.e., factory settings for optimal performance system operations. While Award has designed the custom BIOS to maximize performance, the factory has the option to change these defaults to meet their needs.

Set Supervisor Password

Enables you to change, set, or disable the supervisor or user password.

Set Password

Change, set, or disable the password. It allows you to limit access to the system and to the setup, or just to the setup.

Save & exit setup

Save CMOS value changes to CMOS and exits setup.

Exit without saving

Ignores all CMOS value changes and exits setup.