Contents

1. **Safety information ……Page 1**

2. **Chapter 1: Introduction ……2**
   - 2.1 Overview ……..2
   - 2.2 Features …….
   - 2.3 Available Options ……..……..

3. **Chapter 2: Setting Up at the Beginning ……..….**
   - 3.1 Un-Pack your E-Panel ……..
   - 3.2 Realizes your E-820 ……..
   - 3.3 Connecting Cables …….

4. **Chapter 3: Operating ……..……**
   - 4.1 Turning on Power …….……
   - 4.2 On-Screen Menu …….……..
   - 4.3 Display …….…….
   - 4.4 CD-ROM, DVD-ROM and Combo Drivers …….……
   - 4.5 Keyboard and Mouse ……
   - 4.6 Mini PCI Adapter ……..
   - 4.7 Audio Features ……..
   - 4.8 External Devices ……

5. **Chapter 4: Installing Drivers ……..……..**
   - 5.1 Installing the General Devices drivers ……..
   - 5.2 Installing the Extra Devices drivers ……..
   - 5.3 Installing the Optional Devices Drivers ……
     - 5.3.1 Modem Driver ……..…
     - 5.3.2 Mini PCI Wireless LAN Driver ……..……
     - 5.3.3 Mini PCI TV Tuner Driver ……..……
     - 5.3.4 Mini PCI TV Tuner Player ……..……
     - 5.3.5 TouchScreen Driver ……

6. **Chapter 5: Take care of your E-Panel ……..**
6.1 Basic ……
6.2 Cleaning your E-Panel …….
6.3 Display Screen ……
6.4 Keyboard and Mouse ……..
6.5 Moving your E-Panel ……..

7. **Chapter 6: Removing and replacing Parts ……**
7.1 Preparing ……..
7.2 CPU ……..
7.3 Memory ……
7.4 Hard Disk …….
7.5 CD-ROM, DVD-ROM or Combo Drive …….

8. **Troubleshooting …….**

Appendix ……...
Notices ……

Version: Ver E-820-1.1

About this Book

This book will help you become familiar with your E-Panel LCD Computer and its features. It provides how to setup, operate, maintain and install options in your computer. In the unlikely event you experience problems. You will find helpful troubleshooting information and instructions for obtaining services in this book.

1. Safety Information

Electrical current from power, telephone and communication cables is hazardous. To avoid shock hazard connect and disconnect cables as shown below when installing, moving or opening the cover of this products or attached devices. The power cord must be used with properly grounded outlet.

Modem safety information

- To reduce the risk of fire, electrical shock or injury when using telephone equipment, always follow basic safety precaution as below:
- Never install, maintain or reconfigure any cables or telephone wires during a lighting storm.
- Never touch un-insulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

2. Chapter 1: Information

Thank you for purchasing an E-Panel E-820 LCD Computer. Your computer incorporates many of the latest advances in computer technology. This section provides an overview of the computer layout, features and optional parts.

2.1 Overview

The E-Panel E-820 Series LCD Computers are using the latest technology which combined a desktop computer components and a LCD monitor together. The size of E-820 is same as a 15" LCD monitor. It is powerful, multifunctional, compact size and elegant outlook. In addition, E-820 Series provided a Mini PCI slot to let you use a Wireless LAN card or TV card in future. Also, Wall Mount Bracket and Touch Screen are the add value optional parts.

You won't do anything today that's much easier than setting up E-820. Plug in the keyboard. Plug in the mouse. Connect the power cord (more about that in a moment) and you're done! Since the PC and monitor are one, you don't have a video cable and power cord from the monitor to worry about. And the speakers are built in.

2.2 Features

Your E-820 computer has the following features:

- Using Intel Socket 478 supports Intel Pentium 4 CPU with 400/533MHz FSB up to 3.06G
- One enhanced performance DDR 333/400MHz memory module socket, can be upgrade to 1GB.
- Standard ATA 100/133 hard disk which supports up to 250GB.
- Changeable CD-ROM, allow to replace with any slim type CD-ROM.
- A 15" extended graphics array (XGA), thin film transistor (TFT) 1024 x 768 active-matrix color display with zero dead dot warranty..
- The integrated Intel® Extreme Graphics delivers an extremely stable, extremely reliable and extremely innovative architecture.
- Provides a new standard of mobile computer PCI interface (Mini PCI) slot for Mini PCI Wireless LAN card or Mini PCI TV Tuner card.

- Three audio jacks for connecting external speakers or headphones, a microphone, and a record/playback device to your computer.
- Built-In a highly integrated 10/100 Mb/s Ethernet operating.
- Built-In stereo Speakers.
- Room for additional functionality with 6 USB, Network, modem serial port, audio ports.
- Efficient design and an external power supply allow for quiet operation

2.3 Add value options:

This section provides the listing of optional parts available to add in E-820.

- **IrDA (Infrared Data Association)**

  The IrDA is an independent international organization that defines standards fir infrared communication between devices. It allows transfer information back and forth between many types of infrared devices, such as PDA (Personal Digital assistant), Mobile Phone and IrDA enabled printers.

- **Mini PCI Wireless LAN Card**

  This Wireless LAN Card provide freedom and flexibility to work and play on the go without hunting for a phone jack, network cable or plugging in a special card. Get connected through wireless LAN networks in your home, in the office and in wireless LAN hotspots in airports, hotels, shopping center or coffee shops.

- **Mini PCI TV Tuner card**

  This Mini PCI TV Tuner Card is using advanced technology, offers high quality TV and video on your computer. It turns your computer into a home entertainment center, letting you watch and record TV and video with full stereo sound.

- **Touch Screen**

  Touch screen is the most natural of all input devices to operate computer system by touch. So that a user can touch the screen and have the computer respond.

- **Wall-Mount Bracket**

  This bracket gives you the flexibility to mount your E-820 system to a wall, floor, machine, ceiling or cart. It put your display at the point of need.

3. Chapter 2: Setting up at the beginning

This chapter provides information from unpack, realizes and connecting cables to your E-820.

3.1 Unpacking your E-820

Please make sure the following items are included with your E-820. If you find that any of these items are missing or appear damaged, please contact your dealer immediately.

3.1.1 E-Panel E-820 LCD Computer * 1 unit
3.1.2 PS/2 Key 107 Key keyboard * 1 unit
3.1.3 PS/2 Optical Mouse * 1 unit
3.1.4 Auto switch AC power adapter and power cord * 1 set
3.1.5 E-Panel LCD Computer Driver Disc * 1 piece
3.1.6 RJ-11 Telephone Cable * 1 piece
3.1.7 Hard Disk and CD-ROM screws * 1 set

3.2 Realizes your E-820

Select a location for the E-820 where it will remain dry. Leave about 20mm (2in.) of space around the computer for proper air circulation.

PHOTO of LAYOUT including the item name. (switch, jack)

3.3 Connecting Cables

This section provided information to help you connect the cables properly.

3.3.1 Connect the keyboard cable to purple keyboard connector (ICON) and the mouse cable to the black mouse connector (ICON).

PHOTO OF KEYBOARD AND MOUSE

3.3.2 Connect the power adapter output cable to power connector (ICON).

PHOTO OF POWER

3.3.3 Connect other additional devices you have:

- Connect any Universal Serial Bus (USB) devices to USB Connector (ICON).

PHOTO

- If you are one of a client in the network system. Connect a RJ-45 network cable to 10/100M LAN connector (ICON).

PHOTO

- Connect any Serial devices to Serial Port connector (ICON).

PHOTO

- If you have Modem installed in your E-820. Connect a RJ11 telephone line to Phone Jack (ICON). Modem is an optional device in E-820 computer.

PHOTO

- Connect any optional devices, such as external speakers, earphone or microphone to External Speaker (ICON), Earphone (ICON) or Mic In (ICON).

PHOTO

3.3.4 Connect the power cord to power adapter's AC connector.

PHOTO

3.3.5 Ensure all cables and connectors are connected properly. Then plugs the power cord into properly grounded electrical outlet.

PHOTO

3.3.6 You are ready to turn on your E-820 Computer now.

Notes: The AC adapter converts AC power to the DC power required by E-820 series computer. It works with electrical outlets worldwide. However, power connectors vary among countries. Before you use AC power in your country. you may need to obtain a new power cable adapter designed for

use.

4. Chapter 3: Operating

This chapter provides information how to operate the E-820 computer at beginning.

4.1 Turning on Power

Ensure all cables properly connected and the power cord plugged in the grounded electrical outlet. Then, press and lease the power switch on the computer. You see a diagnostic screen while the computer performs a short self-test. When the task completes successfully, the diagnostic screen disappears, the BIOS is load, and the software is loaded (depends on the OS, Operating System, you installed).

4.2 On Screen Menu (On-Screen Display, OSD)

You can activates the auto adjustment function at any time even though without get into the OS (Operating System).

The operating of On-Screen Display Menu Button

4.2.1 Press and release the <On-Screen Menu> button on E-820 front panel. You will see an On-Screen Menu appear.

4.2.2 Select the correct item in Main Title by pressing <Increase> or <Decrease> then press <On-Screen Menu>.

4.2.3 Select the correct function in Sub-Title by pressing <Increase> or <Decrease> then press <On-Screen Menu>.

4.2.4 Adjusts the value to the left or right by pressing <Increase> or <Decrease> then press <On-Screen Menu>.

4.2.5 Always select <Exit> in Main Title or Sub-Title to quit.

4.2.6 To select another functions, please follow step 4.2.3 to continue

4.2.7 The On-Screen Menu disappears after pressing <Exit> in Main Title or automatically disappears on <OSD Timer> you set.

The features of On-Screen Menu

ICON	Main Menu	Sub-Menu	Description
ICON	Auto Adjust		Adjusts to control the automatically images brightness, contrast, sharpness…
ICON	Colour		
ICON		Contrast	Adjusts the contrast of screen image
ICON		Brightness	Adjusts the screen intensity
		Gamma Correct	Adjusts screen display
		Colour Temp	Adjusts colour temperatures
		Colour Adjust	Adjusts the R, G, B colour
		Exit	Exit Colour Menu
	Picture	H. Position	Adjusts the horizontal position of the screen image
		V. Position	Adjusts the Vertical position of the screen image
		Sharpness	Adjusts the clarity and focus of the screen image
		Phase	Adjusts the noise of the screen image
		Clock	Adjusts the width of the screen image
		Exit	Exit Picture Menu

	Function	Auto Adjust	Adjusts the screen display automatically
		Auto Position	Adjusts the position of screen image automatically
		Auto Phase	Adjusts the noise of screen image automatically
		Auto Clock	Adjusts the width of screen image automatically
		Auto Colour	Adjusts the colour of screen image automatically
		Exit	Exit Function Menu
	OSD Menu	Language	Select the language of OSD
		OSD H. Position	Adjusts the OSD horizontal position
		OSD V. Position	Adjusts the OSD vertical position
		OSD Timer	Adjusts the OSD screen appearing time
		Translucent	Adjusts the OSD translucent
		Exit	Exit OSD menu
	Miscellaneous	Signal Source	Not use
		Mode Select	Not use
		Reset	Displays the Factory-Preset value
		Volume	Adjusts the audio output
		Exit	Exit Miscellaneous Menu
	Exit		Exit OSD Menu

4.3 BIOS setting

CONFIG

4.4 Display Screen

To accommodate local lighting conditions, you can use OSD to adjust the display. Please refer to <On Screen Menu> at page 4.

4.5 CD-ROM, DVD-ROM and Combo Drives

The CD-ROM and DVD-ROM drives are read-only devices that let you play most commercially available 8 or 12 centimeter (cm) sound, video or data CDs on the computer. In addition to playing most CDs, the DVD-ROM drive can also play DVDs. CD.

The Combo drives are the CD-rewritable (CD-RW) drives can write to and play CD-RWs and DVD.

To play a CD, press the eject button on the face of the CD-ROM drive. When the tray slides out, place the CD into the tray label side up. Make sure that the CD is seated correctly on the spindle by press down on the disc until it clicks in place. Then gently push in the tray. When the drive is in use, the drive access indicator blinks on the drive's front panel.

4.6 Mini PCI Slot

Mini PCI is a standard and developed specifically for integrated communications peripherals, such as modems and NICs (Network Interface Card). There are two Mini PCI cards available for E-820, Mini PCI wireless and Mini PCI TV tuner card.

INSTALLATION GUIDE

4.7 Networking

E-820 series LCD computer provides a 10/100 Mbps Ethernet interface for the direct connection to a 10Base-T or 100Base-T local area network. Use network cables connection between RJ-45 connector and an Ethernet HUB or switch.

4.8 Keyboard and Mouse

4.8.1 Keyboard

You can attach the keyboard we provided or any other PS/2 (Personal System/2) compatible 101 or 102 key keyboard to the E-820's mini-DIN (Deutsche Industries Norm) connector, as shown at below.

PHOTO

4.8.2 Mouse

You can attach the mouse we provided or any other PS/2 compatible mouse to E-820's mini DIN mouse connector, as shown at below:

PHOTO

4.9 Audio Features

You can connect audio devices such as speakers, microphones and record/Playback devices to your E-820. The following information tells you how to connect the cables.

FIGURE # shows the locations of the Audio Jacks.

PHOTO

- Connect the audio cable from a microphone to the MIC IN jack.

  PHOTO

- Connect the earphone or line-out cable from a record/playback device to the Earphone jack. Cassette players, CD players, radios, stereo system and tape players are all record/playback devices

  PHOTO

- Connect the audio cable from the external speakers to the External Speaker jack.

  PHOTO

5. Chapter 4: Installing Drivers

Nowadays, Microsoft is the biggest winner in the computer OS market. This chapter provides information how to install the E-820 Devices Drivers with Microsoft Windows XP.

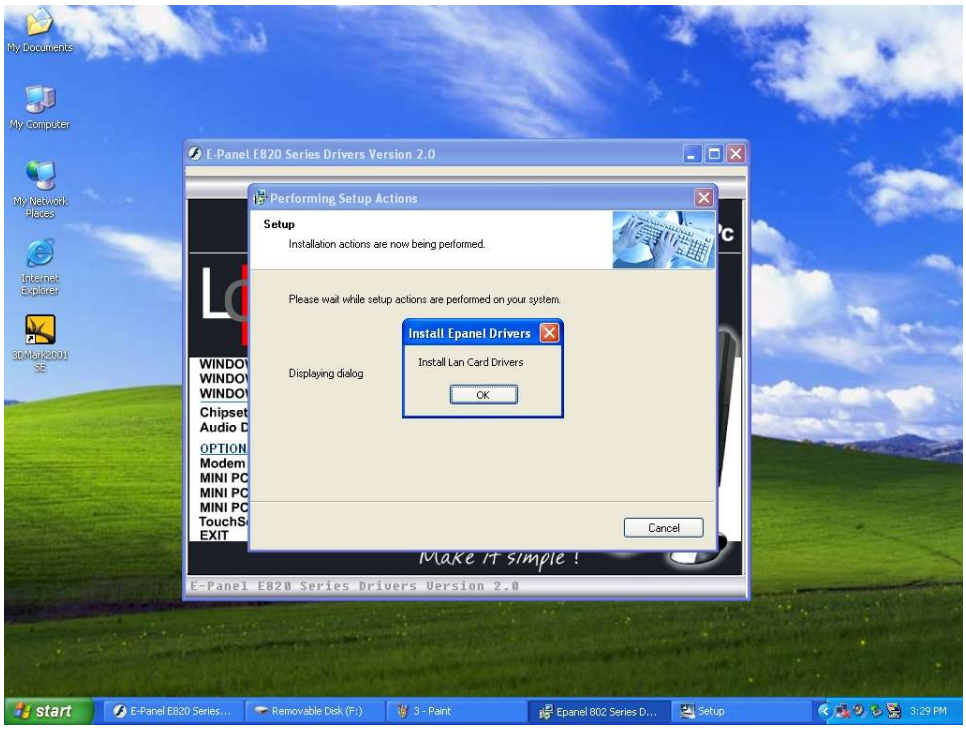
Before you install the drivers. You need to install Windows XP first. Once finished the OS installation, please prepare the [E-Panel E-820 Series Drivers] CD. Simply insert the driver CD into the CD-ROM and the menu should pop-up automatically.

5.1 Installing general drivers

This section provides information to install the drivers for the standard configuration of E-820 computer. Please check carefully or ask your local dealer for more details.

5.1.1 Click on “Windows 2000/XP/2003” to install the standard driver if Windows XP installed. Otherwise, please choose the OS version correctly.

5.1.2 The program will install the standard drivers automatically after click on the menu. Please follow the instructions to click on the buttons until finish the installation.



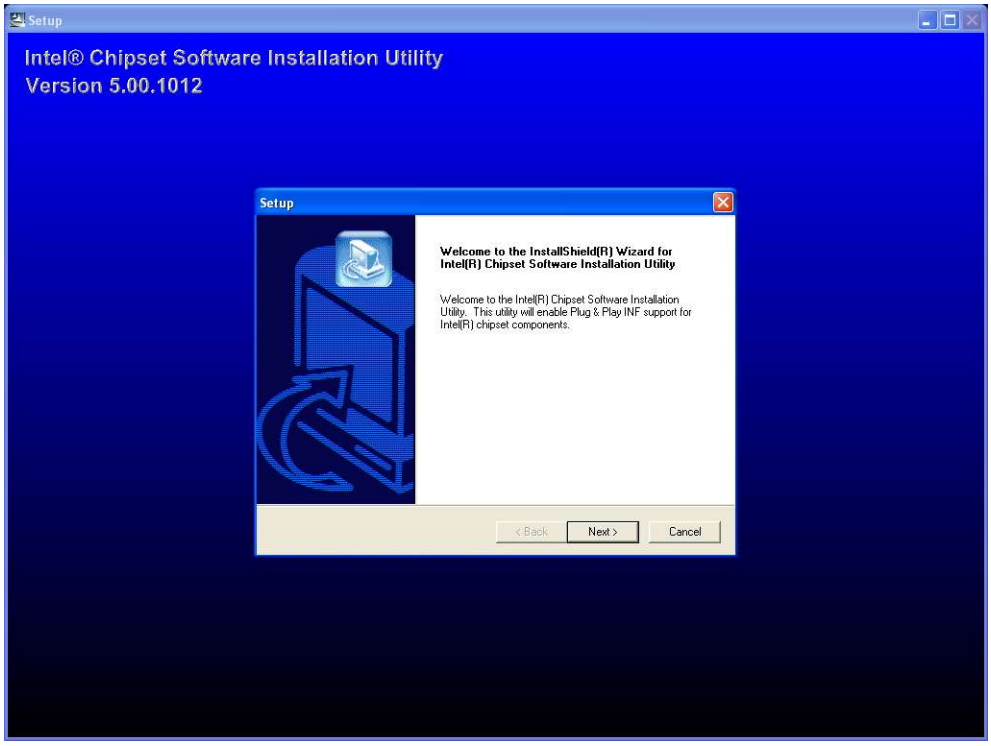
5.1.3 Installation completed.

5.2 Installing extra drivers

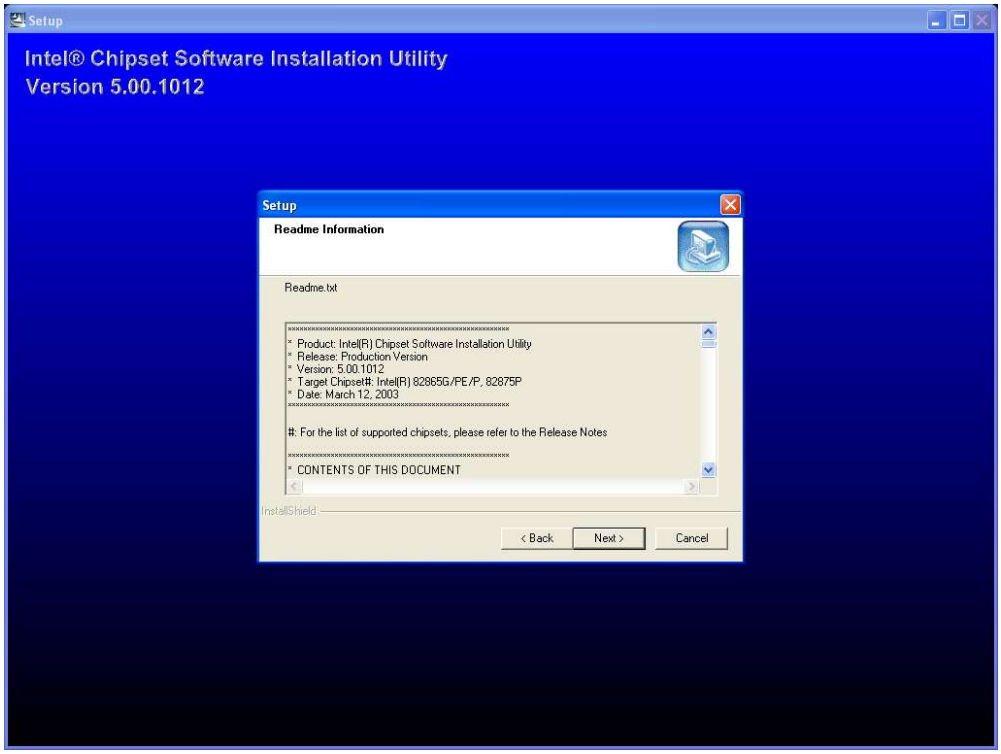
You need to install the extra drivers manually which for the Chipset and Audio. Please note that these two drivers are compatible with all versions of Microsoft Windows.

5.2.1 Chipset Drivers

5.2.1.1 To perform the installation, please click on “Chipset Drivers”.

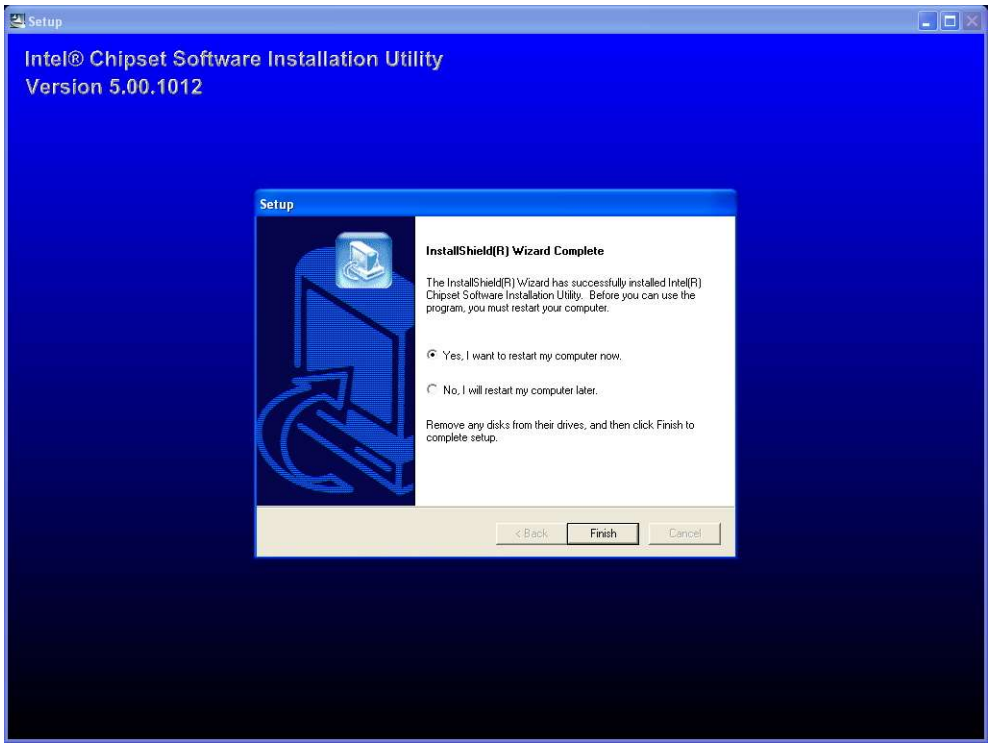


5.2.1.2 Follow the instructions to continue installation.



5.2.1.3 Check the box on “No, I will restart my computer later” then click on

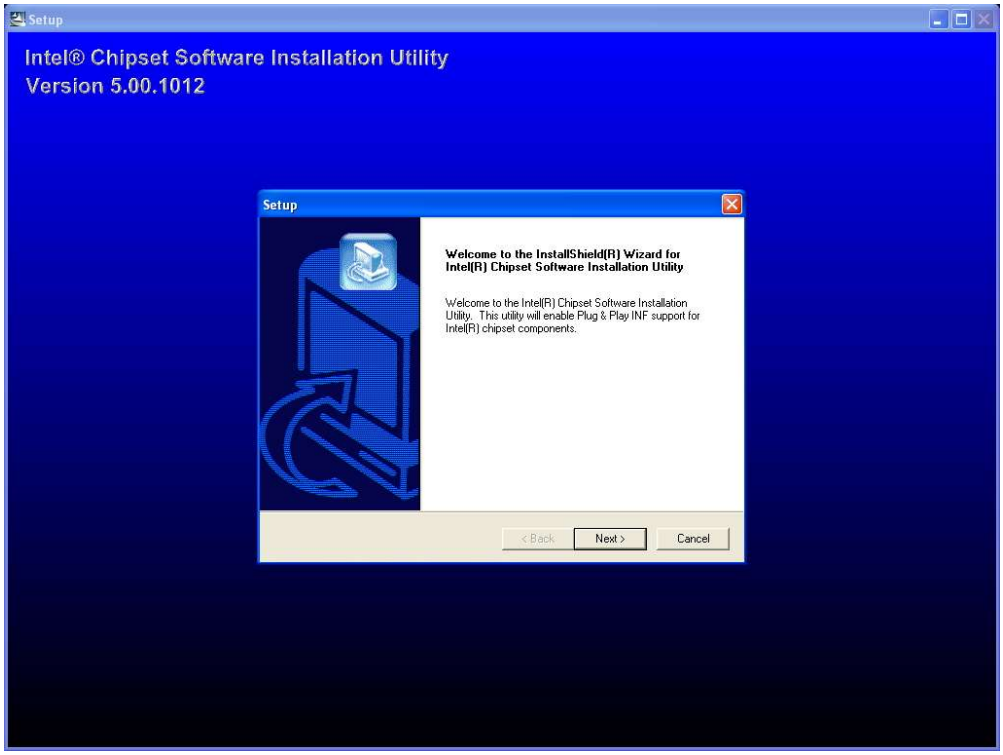
“Finish” to finish the installation.



5.2.1.4 The installation for Chipset Drivers finished.

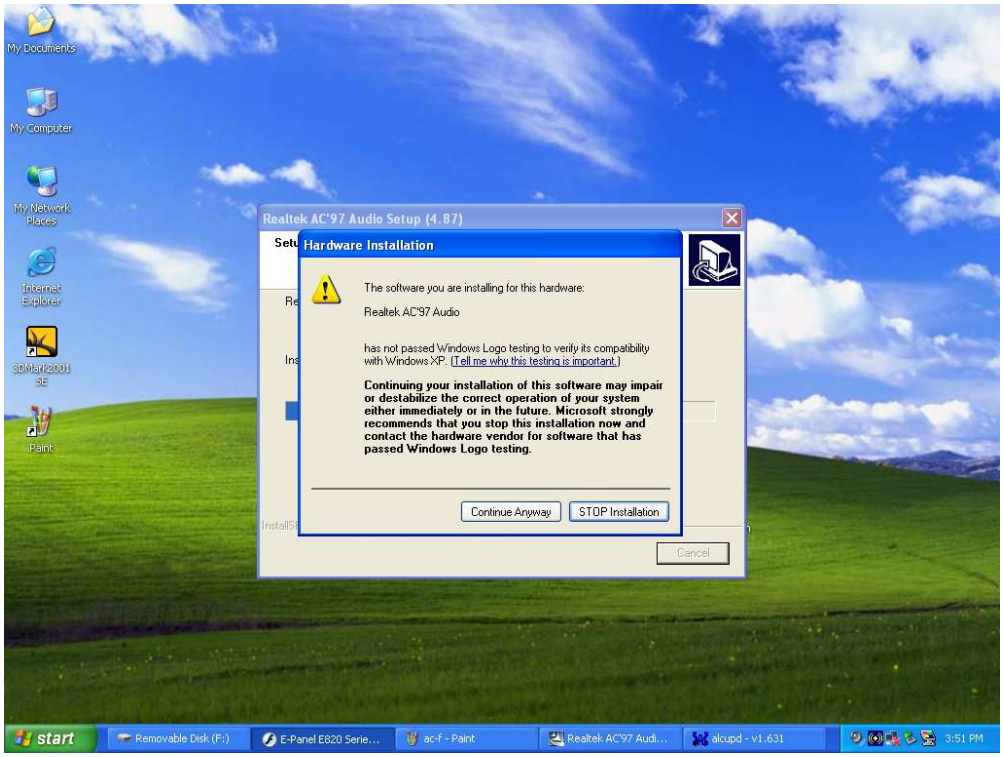
5.2.2 Audio Drivers

5.2.2.1 To perform the installation, please click on “Audio Driver”.

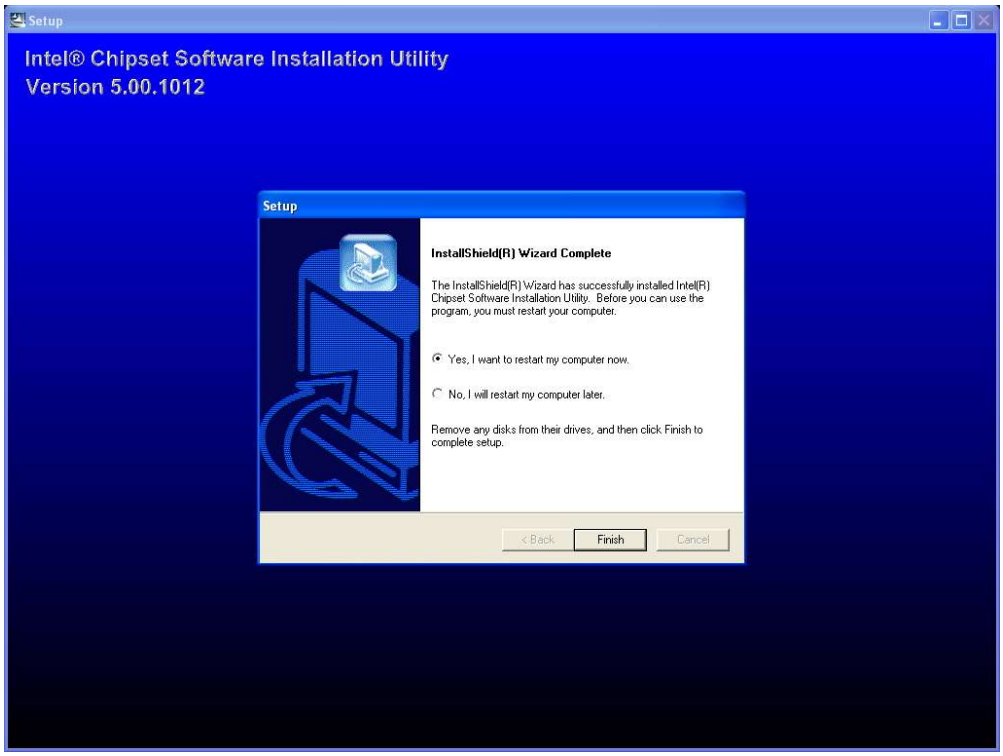


5.2.2.2 Follow the instruction to complete the installation.

Please click on “Continue Anyway” to continue shown as below.



5.2.2.3 Check the box on “Yes, I want to restart my computer now” then chooses “Finish” to complete the installation.



5.2.2.4 The drivers installed completely and your computer will re-boot now.

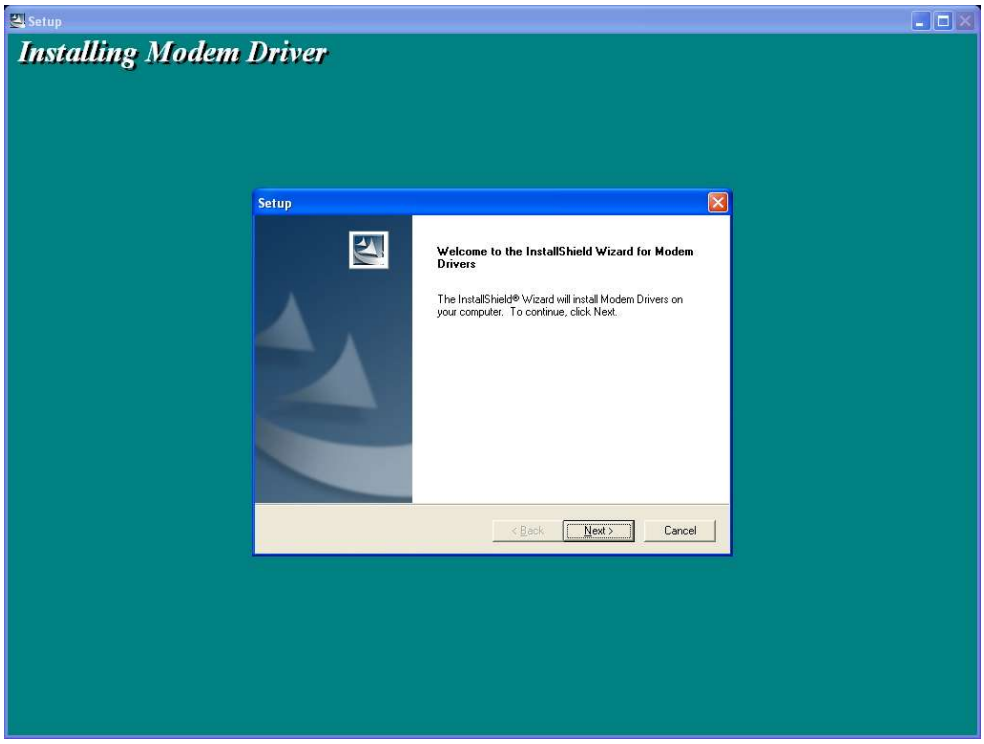
5.3 Installing optional devices drivers

To perform the optional device drivers. Please check the configuration carefully or contact your local dealer for more details.

The drivers for optional device are compatible with all versions of Microsoft Windows.

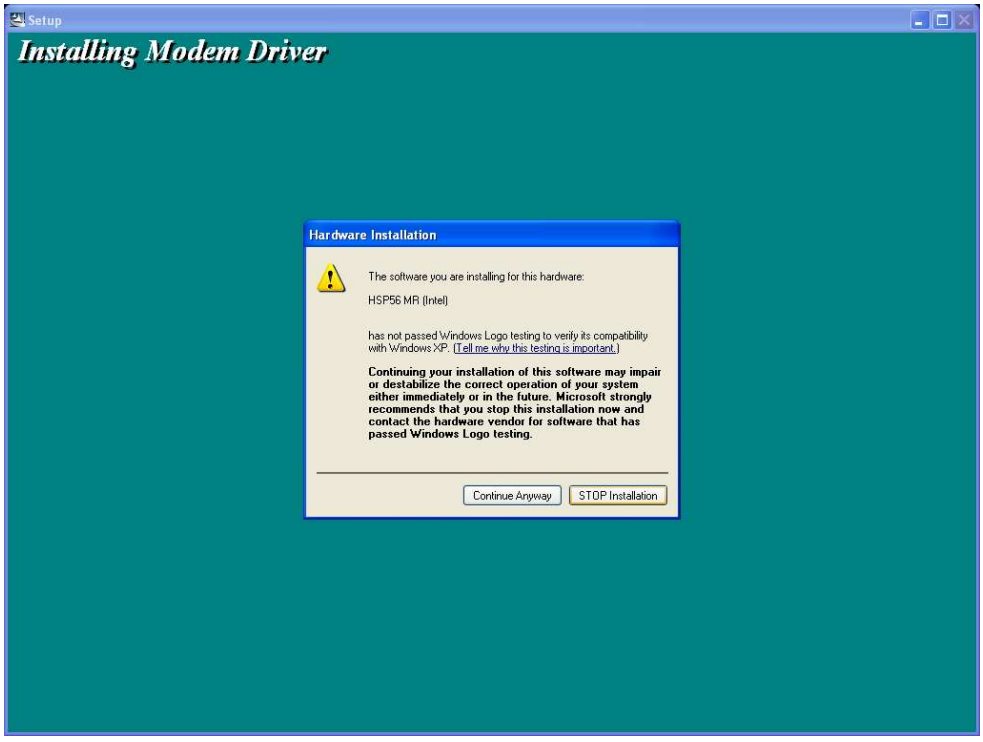
5.3.1 Modem Driver

5.3.1.1 To perform the modem driver installation, please click on “Modem Drivers” in the OPTIONAL section.

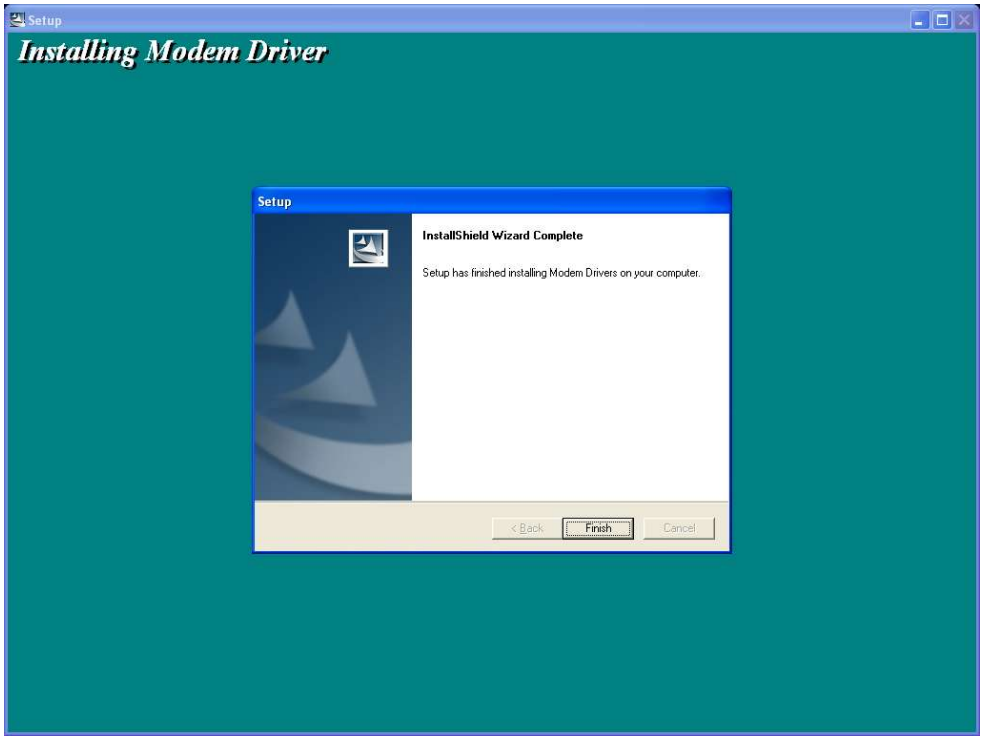


5.3.1.2 Follow the instructions to complete the installation.

Please click on “Continue Anyway” to continue shown as below.



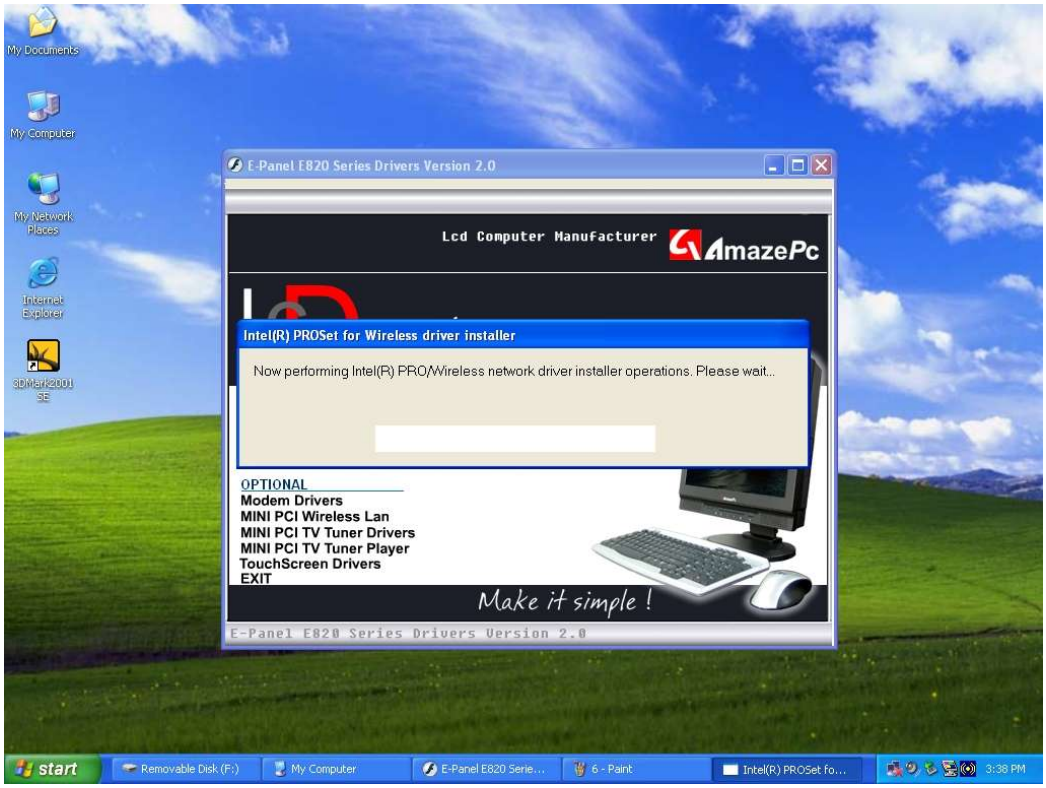
5.3.1.3 Please click on “Finish” to complete the installation.



5.3.1.4 Installation Completed.

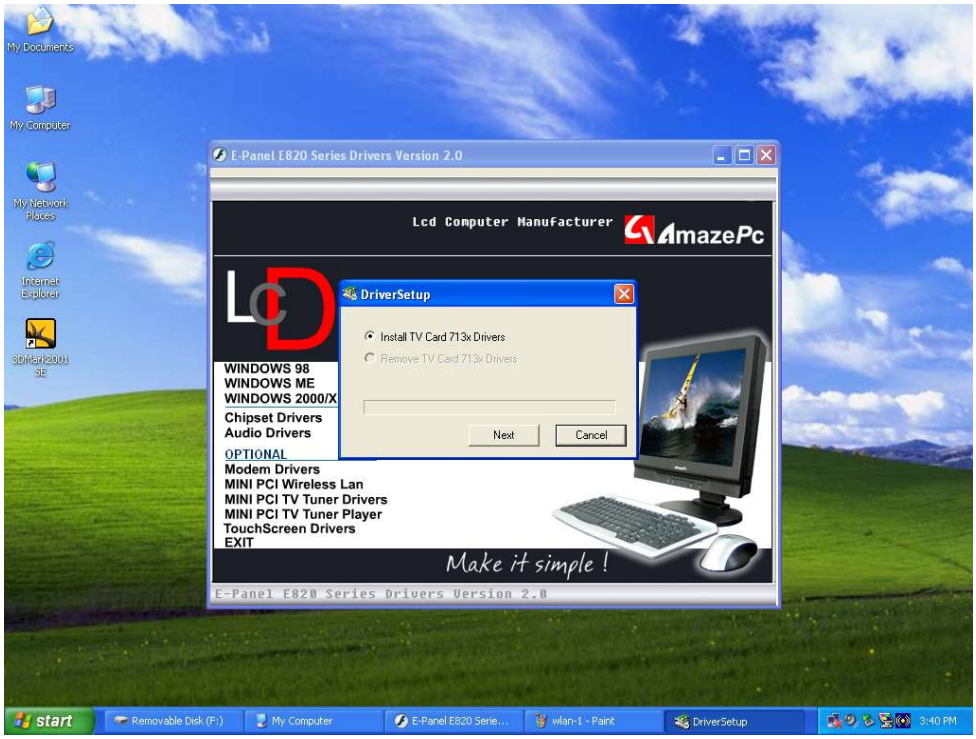
5.3.2 **Mini PCI Wireless LAN Driver**

To perform the Mini PCI Wireless LAN Driver. Please click on “Mini PCI Wireless LAN” then the installation will install the driver automatically.



5.3.3 Mini PCI TV Tuner Driver

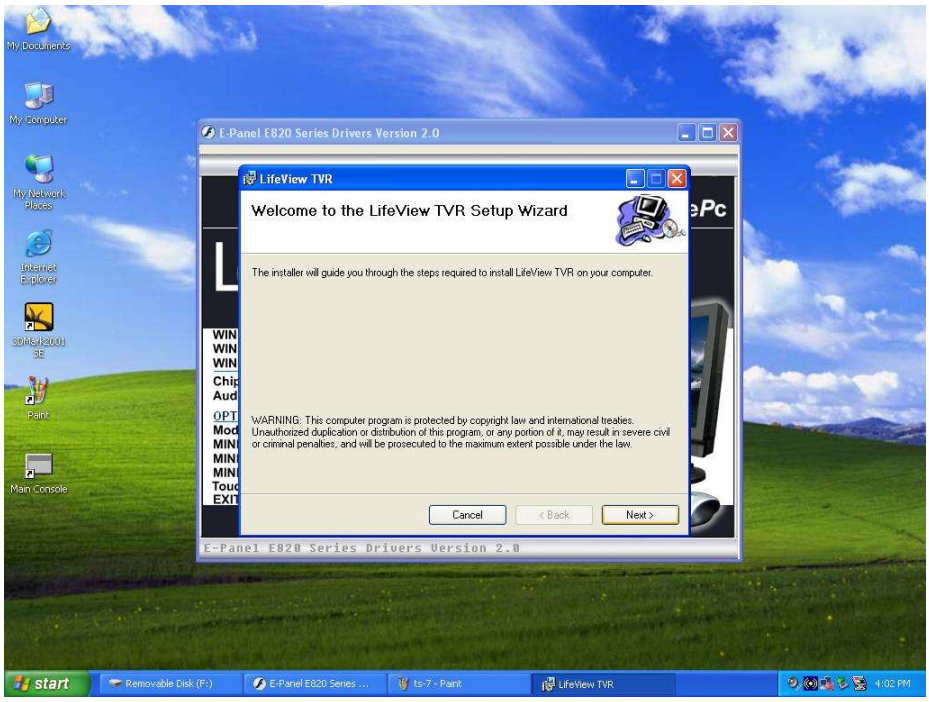
5.3.3.1 To perform the Mini PCI TV Tuner Driver. Please click on “Mini PCI TV Tuner Driver” then the installation will install the driver automatically.



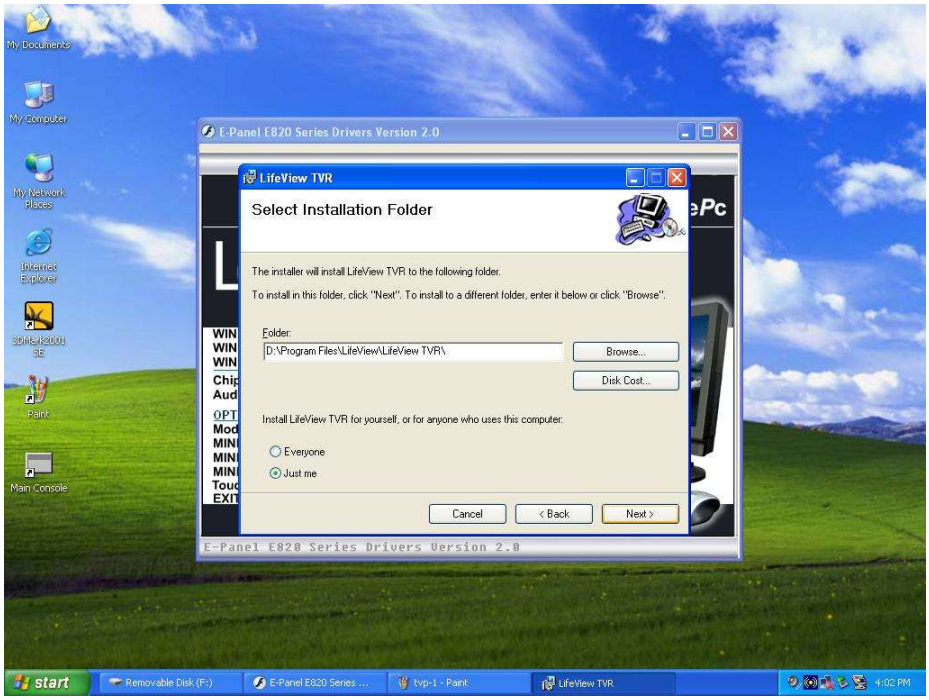
5.3.3.2 Once you finished the TV Tuner driver installation. You must install the TV Tuner Player to active and play TV in your E-820. Please refer to the next step (5.3.4) to complete the TV Tuner Player's installation.

5.3.4 **Mini PCI TV Turner Player**

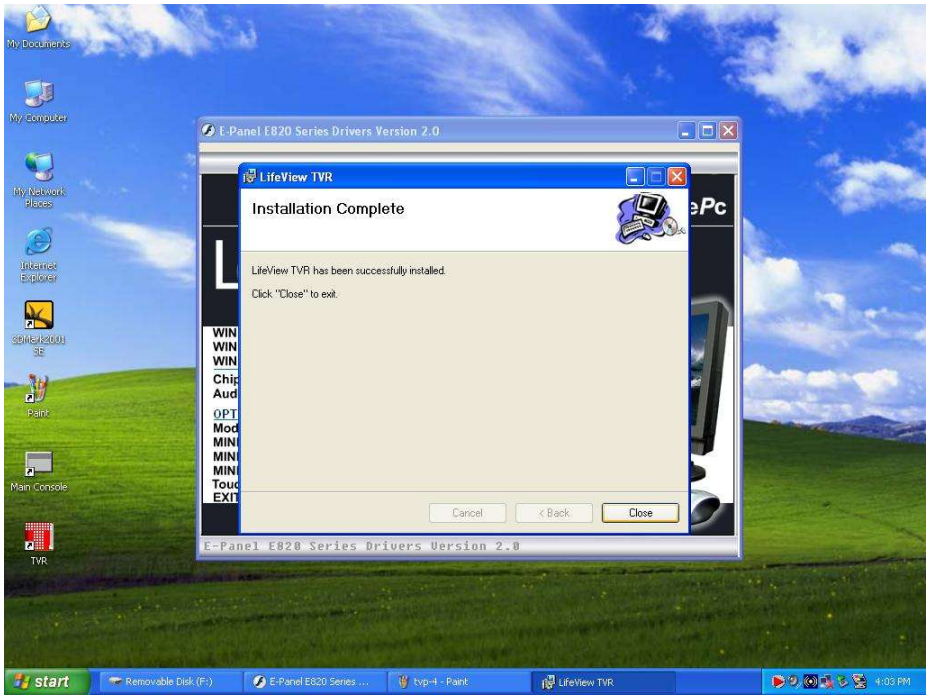
5.3.4.1 To perform the Mini PCI TV Tuner Player. Please click on "Mini PCI TV Tuner Player".



5.3.4.2 The program will guide you to complete the installation.



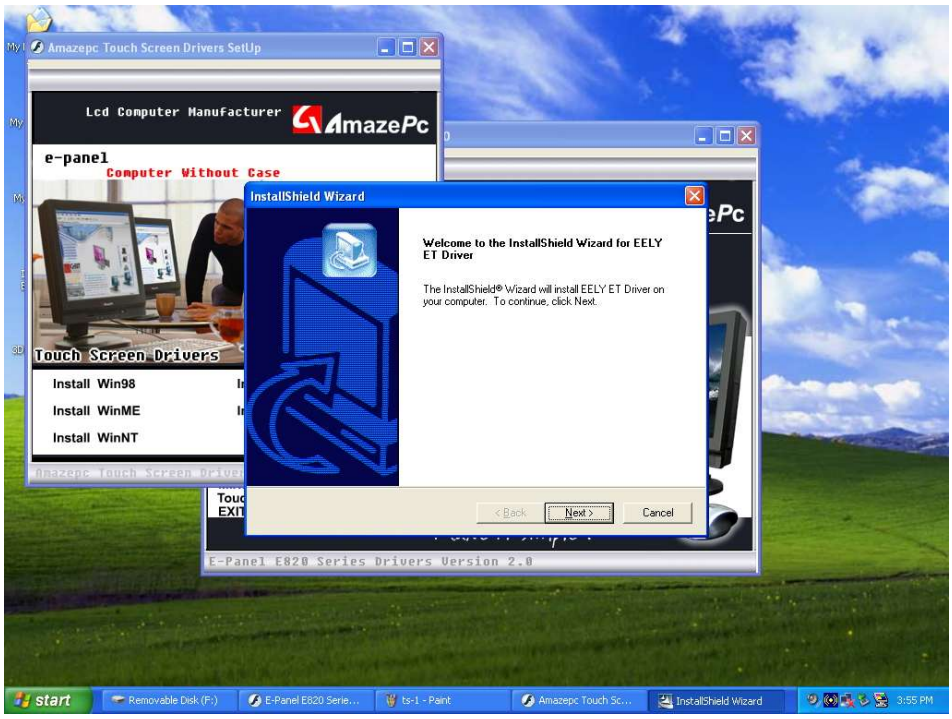
5.3.4.3 Follow the instruction to continue install until finish.



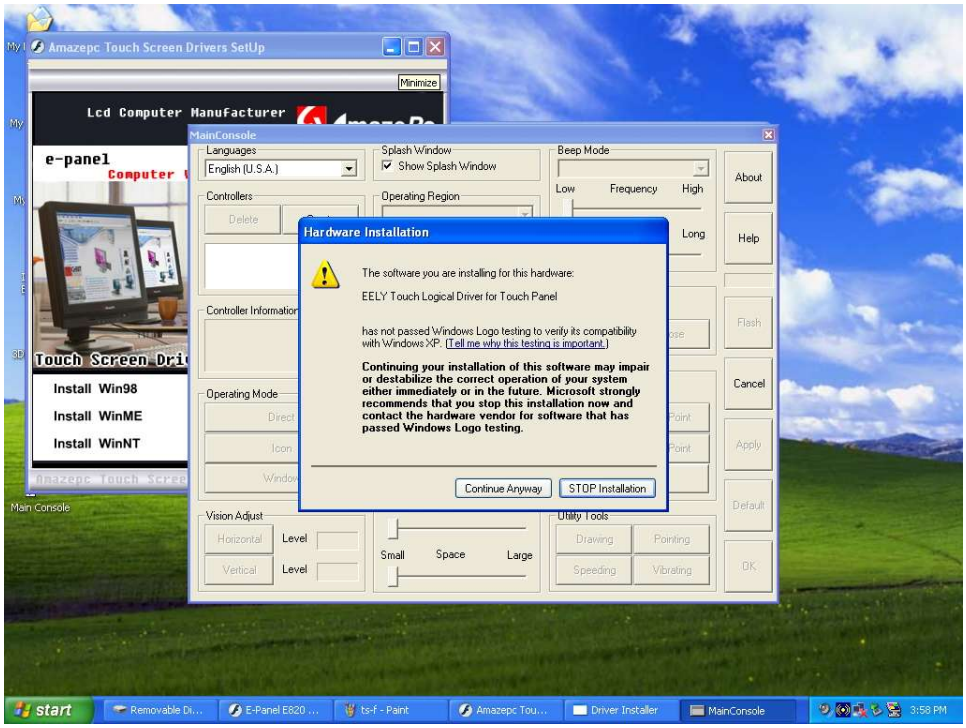
5.3.5 **TouchScreen Driver**

5.3.5.1 To perform the Touch Screen Driver. Please click on “TouchScreen Drivers”. Then a new setup screen come up. Choose the correct version of Windows you installed. For this example, we click on “Install WinXP”.

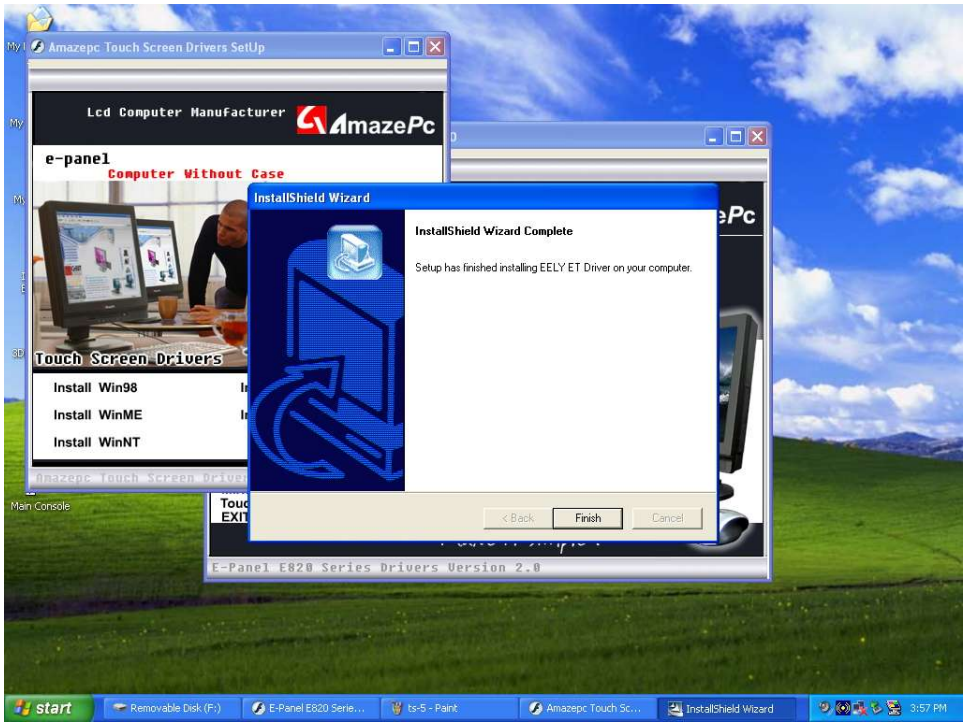
5.3.5.2 Follow the instructions to continue the installation.



5.3.5.3 Choose the “Continue Anyway” when a pop-up window come up (shown as below).

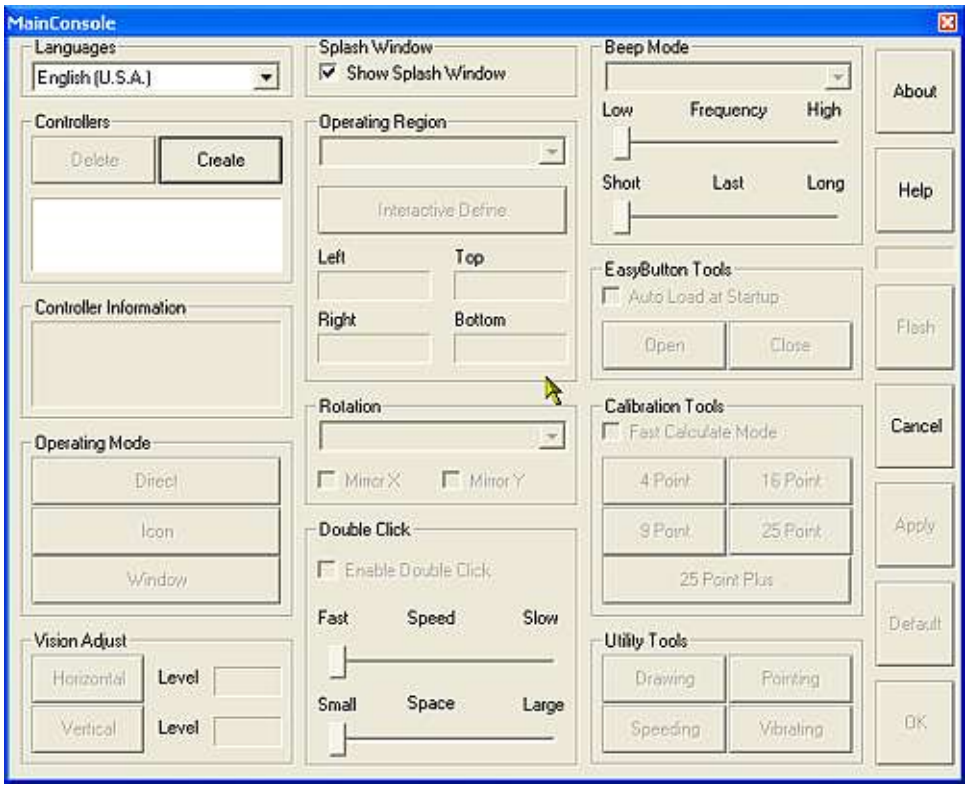


5.3.5.4 The installation completed. Don’t forget to calibrate the Touch Screen as next step.

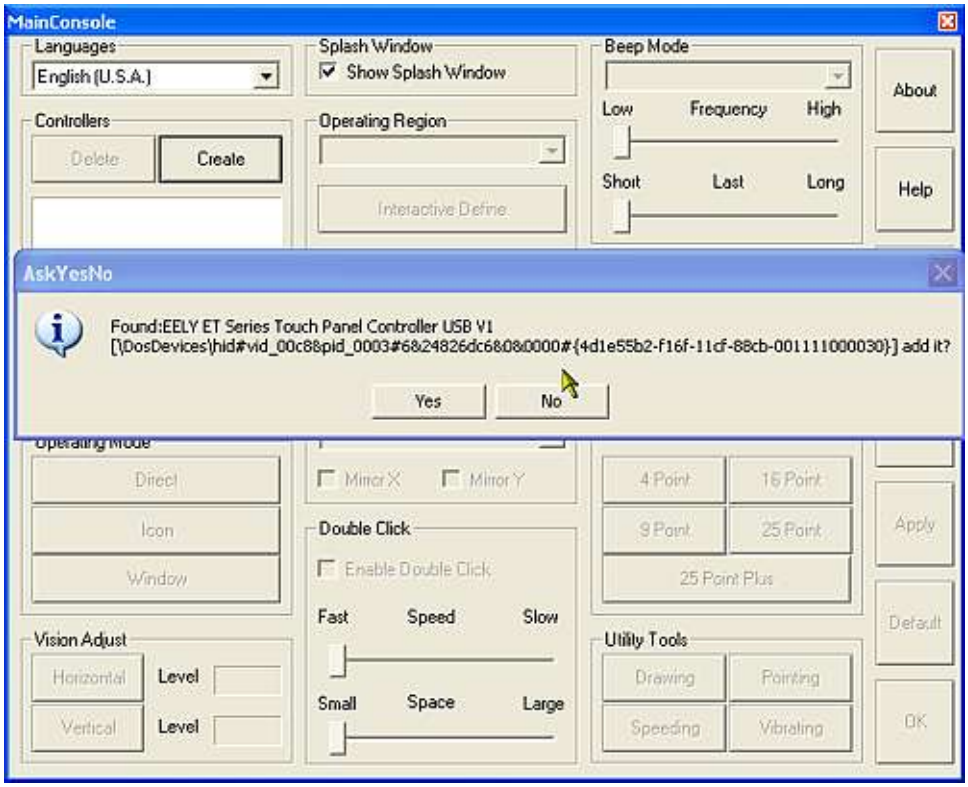


5.3.5.5 After the installation completed. You need to calibrate the Touch Screen before you use. Please double click “Main Console” icon on the desktop to setup.

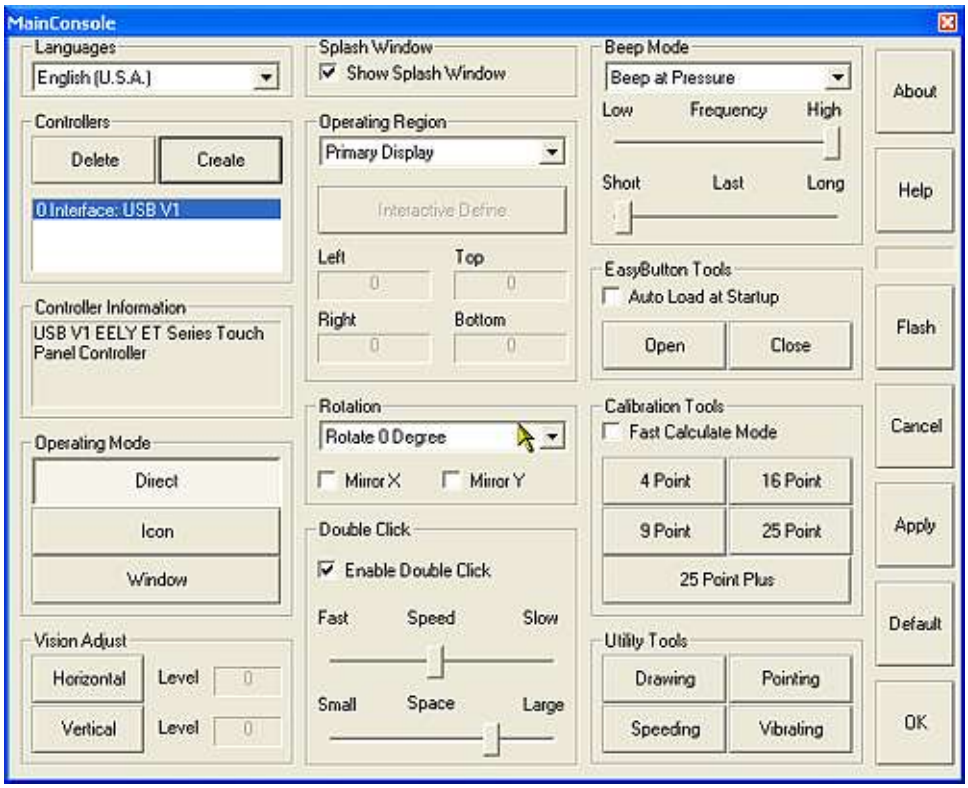
Click on “Create” in “MainConsole” Menu.



5.3.5.6 Wait for a few seconds, the Main Console will show you the ID of Touch Screen Controller. Please click on “Yes” to continue.



5.3.5.7 The Touch Screen Controller added to Main Console after click on “Yes”.



5.3.5.8 The installation completed. Now, you can setup the touch screen by choosing the functions in Main Console.

5.3.5.9 The installation completed.

5.4 Chapter 5: Removing and Replacing Parts

E-panel E820 LCD Computer is a fully equipped desktop. It integrates the LCD display and all the other computer parts into the LCD case. Besides, most of the interfaces are on the back of the computer base that makes the outline neat and fluid.

There are three components can be remove or replace by yourself. To remove or replace those options in your E-820. You will need a Phillips Head Screwdriver.

Before you do the replacement. Please disconnect the DC power connector. Check the parts and the configuration of your E-820 carefully. For more details, please refer to the Installation Guide we provided.

6. Chapter 6: Take care of your E-820

This Chapter provides information to help you in the day-today use of your E-820.

6.1 Basics

Here are some basic points about keeping your computer functioning properly
.

- Keep your E-820 in a clean, dry environment. Make sure it rests on a flat, sturdy surface.
- Do not cover any of the vents in the computer. These vents allow air flow to keep your E-820 from overheating.
- Keep food and drinks away from all parts of your E-820. Food particles and spills might make the keyboard and mouse sticky and unusable.
- Always disconnect the power cord by grasping the plug, not the cord.

6.2 Cleaning your E-Panel

It is a good practice to clean your E-820 periodically to protect the surfaces and ensure trouble-free operation. Be sure to turn off the E-820 before the cleaning.

Use only mild cleaning solutions and damp cloth to clean the painted surfaces of the computer, LCD screen and keyboard.

6.3 Moving your E-820

Take the following precautions before moving your computer.

6.3.1 Back up all files and data from the hard disk.
Operating systems can vary in the way they perform backup procedures. See your operating system documentation for information about software backup.

6.3.2 Remove all media, such as compact discs from the drives.

6.3.3 Shut down your operating system and turn off the computer and all attached devices.

6.3.4 Unplug the power cord from electrical outlets, all attached cables and devices such as USB devices, network cable, modem cable, audio devices etc. .

6.3.5 If you saved the original shipping cartons and packing materials, use them to pack the units. If you are using different cartons, cushion the units to avoid damage.

7. Chapter 7: Troubleshooting

Computer problems can be caused by hardware, software or user error. You can use the diagnostic aids discussed in this chapter to help you solve such problems yourself or gather helpful information you can pass on to a service technician.

You can check the hardware by following the procedures in this chapter. If the hardware checks out and you have not made a user error. You might have a software problem. If you suspect that you have a software problem. See the operating system documentation and/or the documentation supplied with the software.

Your computer performs the power-on self-test every time the PC is turned on. POST (Power

On Self Test) tests the memory of the PC and reports the total memory installed. It also checks the processor type and speed, the hard disk type and the CD-ROM type. Normally, POST runs very quickly and do not see the results if no error in the self test. Otherwise, you will see the error message of the device.

You can use the troubleshooting table below to find solutions to problems that have definite symptoms.

Problem	**Description**	**Solutions**
General	Power LED not light on	● Ensure the power adapter's AC and DC connectors are securely connected to proper connectors on the E-820
	Power LED light on but blank screen	
	Flashing cursor	● Contact your local technical support
	Can not loading OS continuously	● If you have just added new software or a new device. Try to remove it.
Memory	The amount of memory displayed is incorrect	● Be sure installed the correct type of DDR memory and securely inserted in the socket. ● In additional, this system features an integrated video system in which some memory is used by the video controller. Windows will only report the memory available for its use.

Display	Colour, Brightness or Contrast is incorrect	● Press the "Auto Adjust" button at the front panel. ● You are not trying to run your monitor at a higher refresh rate in Windows. See your operating system documentation for information about monitor refresh rate.
CD-ROM	The indicator not lights on when reading	● Pay attention any error on POST. ● Check with the hardware configuration in your operating system.
	The indicator lights but can not read	● Be sure the CD seated correctly. ● Check any damage, scratch or dust at the back side of CD.
Keyboard and Mouse	All or some keys on the keyboard do not work	● The keyboard cable is securely connected to keyboard connector. ● Clean up any dust, food or rubbish under the key top.
	Mouse do not work	● The mouse cable is securely connected to mouse connector. ● Try to use the optical mouse in different surface.
Intermittent	Problem occurs only occasionally	● Be sure the fan grill is not blocked and is working. The computer might overheat if airflow is blocked or not working.
Modem	No response	● The modem cable is securely connected to modem connector and your telephone socket. ● Test the modem in Device Manager.

USB	Do not recognize devices	● Try to unplug and plug in again or use other USB connectors. ● Be sure the device driver installed. ● In additional, Windows 98 use to install drivers for USB
Network	Do not connect	● The network cable is securely connected to network hub or switch properly. In additional, pay attention on the indicator of hub or switch light on or not. ● Be sure the LAN driver installed.
Microphone, Earphone, Internal Speakers and External Speakers	Not active	● Be sure the cables are securely connected and in the correct connector. ● Ensure the setting is correct in your multimedia control software. ● The power for external speakers switched on when needed.

8. Technical Reference:

Model	**E-panel 820 Series**
Processor	
Processor (CPU)	Intel Pentium 4 / Celeron Process, Socket 478
Processor speed	Up to 3.06GHz
Front side bus (FSB)	400 / 533MHz

Main Board Chipset	
Chipset	Intel 845GL/V
System memory	
Memory (RAM) std/max	up to 1GB
RAM slots total	1 DIMM
Module specifications	PC2700
Memory speed	333 / 400 MHz
RAM type	DDR SDRAM
Display	
Screen type description	TFT
Simultaneous external display	Yes
Viewable image size (diagonal)	15 inches
Support colors	262,144 colours
Maximum Resolution	1024x768
Contrast Ratio	400:1 (Typ.)
Typical white Luminance	250 nit
Response Time	16ms (Typ.)
Hard drive	

Interface type	Standard 3.5 inch Ultra-ATA 100/133
Storage support	up to 250GB
Graphics	
Description	Intel Extreme Graphics 2
Video RAM type	DVMT 2.0 allows up to 64MB of system memory sharing
Max colors	16777216 colours
Graphics type	2D/3D
Optical device	
Optical device	Slim type CD-ROM, DVD, DVD COMBO or DVD+-RW
Optical device speed	48X Max
Communications	
Ethernet description	Realtek 8100 10/100M
Ethernet interface type	Ethernet-Integrated
Wake on LAN capable	Yes
Fax/modem description	56K V.93 designed modem
Fax/modem speed	56Kbps data/14.4Kbps fax
Audio	

Description	AC-97
Audio Output	Internal: 2 x Internal 2W speaker External: 5.1 speakers
Standard features	
Keyboard	E-Panel PS/2 107-key Keyboard
Mouse	E-Panel PS/2 Optical Wheel Mouse
Weight & dimensions	
Weight	5.35kg
Height	379.5 mm
Width	353 mm
Depth	154 mm
Expansion options	
Expansion slot and type	1 x Mini PCI
Plug and play support	Yes
Serial Port Type	2 Serial
Parallel Port Type	1 Parallel

Port connectors	6 x USB 2.0 ports 1 x RJ-11 Phone Connector 1 x RJ-45 Network Connector 1 x RS-232 serial port 2 x PS/2 Ports (Keyboard and Mouse) 1 x Mic In 1 x Earphone 1 x External Speakers 1 x TV antenna (Optional)
Power Adapter	
Power Consumption	150W plus with ENERGY STAR the energy economizes the standard
A/C Input	Auto-switch 100-240V
DC Output	19VDC 7.9A
Optional	Touch Screen
	Infrared port

Appendix

Notices