

Panel PC Series

User manel

This guide provides you with the information of steps of "Setting up the Panel PC", basic operation, software and hardware setup, safe precautions and the trouble-shooting help and etc. We have tried our best to make the guide easily understood and overall. Before using your computer, it will be helpful to read this guide first.

Notes, Notices and Cautions

Note: A **NOTE** indicates important information that helps you use your panel pc better.

Notice: A **NOTICE** indicates either potential damage to hardware or loss of data and tells you how to avoid this kind of problems.

Caution: A **CAUTION** indicates potential situations of property loss, bodily injury, or even death.

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1. Safety Instructions and Information of Your Computer

1.1 Safety Instructions

Use the following safety guidelines to help ensure your own personal safety and to help protect your computer and working environment from potential damage.

- Read all the relevant documents about your computer. If there are insert pages, please read them firstly.
- z To help prevent electric shock, plug the computer and device power cables into properly grounded electrical outlets. These cables are equipped with 3-prong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable. If you must use an extension cable, use a 3-wire cable with properly grounded plugs.
- z To help avoid the potential hazard of electric shock, do not connect or disconnect any cables or perform maintenance or reconfiguration of this product during an electrical storm.
- z Before you move your computer, disconnect the computer from the electrical outlet.
- z To help avoiding possible damage to the mainboard, wait 5 seconds after turning off the computer before disconnecting a device from the computer.
- z To avoid damage to your operation system, mainboard and hard disk, do not press the power and reset button constantly. Do not cut the power unexpectedly because it will damage the system.
- z Do not attempt to service the computer yourself unless you are a trained service technician. Always follow installation instructions closely.
- z Keep your computer away from radiators and heat sources. Do not push any objects into the openings of your computer. Doing so can cause fire or electric shock by shorting out interior components.
- z **Warning:** There is a danger of a new battery exploding if it is incorrectly installed. Replace the battery only with the same or equivalent type recommended by the manufacturer. Do not dispose of the battery along with household waste. Contact your local waste disposal agency for the address of the nearest battery deposit site.

1.2 Information of Your Computer

Please check out the items of product specification before you set up your computer.

Product Name:

Panel PC

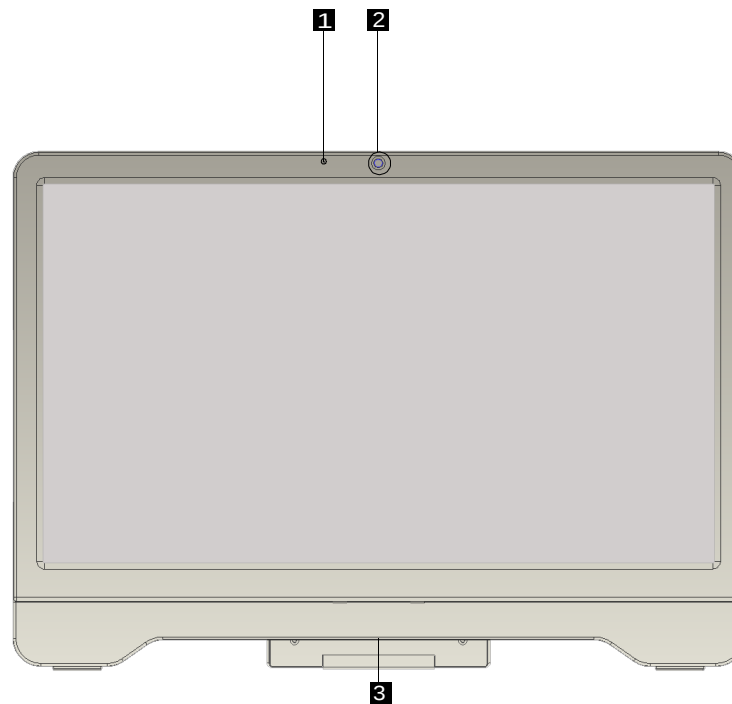
Product Components: Please read the product specification.

2. Setting up the Computer

2.1 Connecting the Computer

2.1.1 FOR THE 21.5 INCH PANEL PC

Front

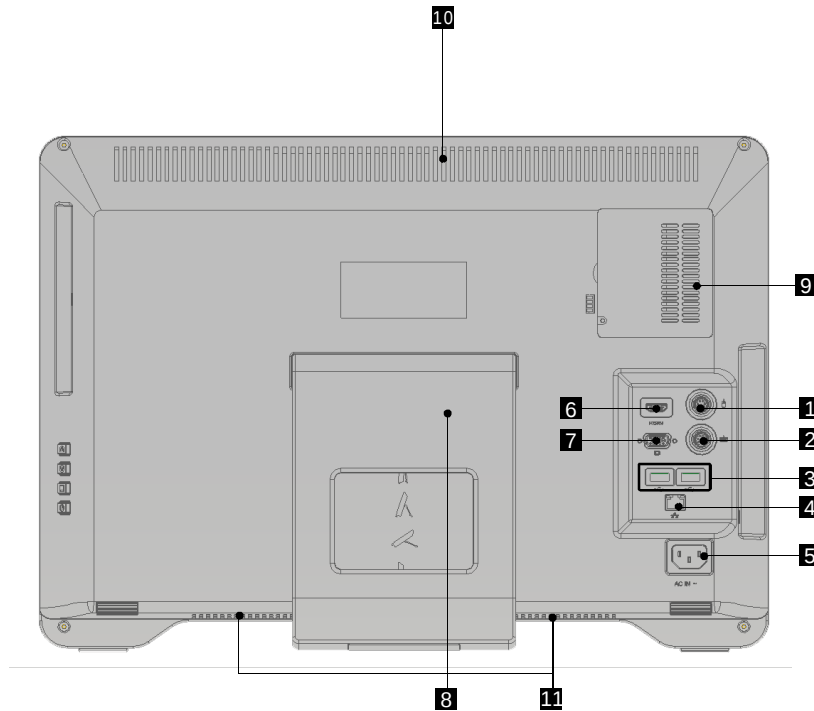


- 1** Built-in Microphone
- 2** Built-in Web camera *
- 3** Status Indicator light

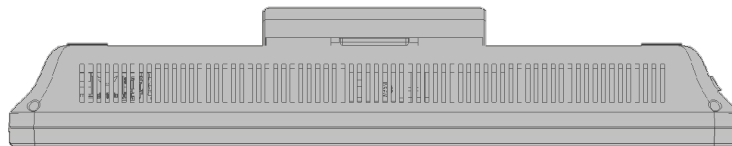
*on selected models only

Picture (1) Face Of 21.5

Back



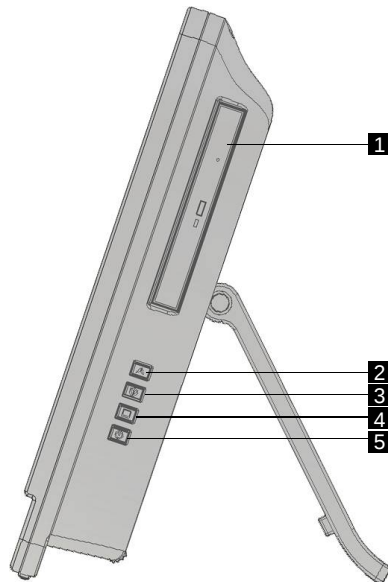
Top



- | | |
|------------------------------|--|
| 1 MOUSE input port | 6 HDMI port |
| 2 KEYBOARD input port | 7 VGA port |
| 3 USB ports*2 | 8 Prop-up stand |
| 4 Network (LAN) port | 9 Memory module compartment cover |
| 5 AC INPUT port | 10 Air exhaustvent |
| | 11 Built-in Speakers(stereo) |

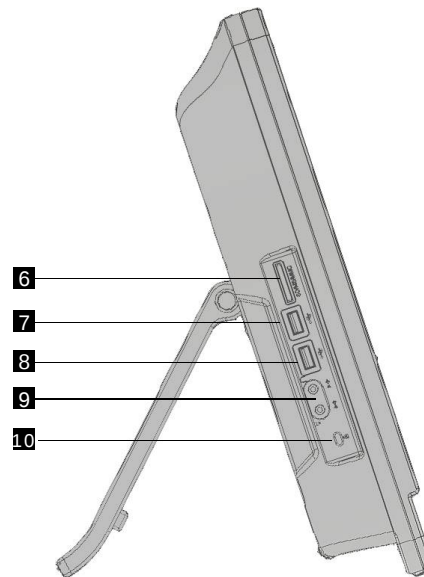
Picture (2) Face Of 21.5

Right



- 1** Optical disc drive
- 2** Up button
- 3** Down button
- 4** OK button
On selected models only.
- 5** Power button

Left



- 6** Card Reader
- 7** USB ports
- 8** USB ports
- 9** AUDIO ports
- 10** KENSINGTON
LOCK HOLE

Picture (3) Side of 21.5

Notice

There is a tiny hole on the outside of the disc driver, that is an emergence eject hole for you to manually eject a CD/DVD (eg. due to an unexpected power interruption)you may push the end of a straightened paper clipinto the hole. Do not use a sharpened pencil or similar object that may break and become lodged in the hole.

Follow the setup poster to set up your computer.

Keyboard	Pale Purple	Mouse	Green(PS/2)
Audio-amplifier/ Earphone	Pale Green	Microphone	Pink
Line In	Blue	USB	Black

Note :

1. The number of connectors may vary by the PC specification.
2. Locations and directions of some models may be different from the picture. It will not affect the normal setup and using of your computer.
3. Connect the power at last.
4. The product is subject to material object, the product specification is subject to change without notice.

NOTE: Before you get started, please read < Computer first-aid center user's guide>.

2.2 Driver Installation Guide (reference for your installation by yourself)

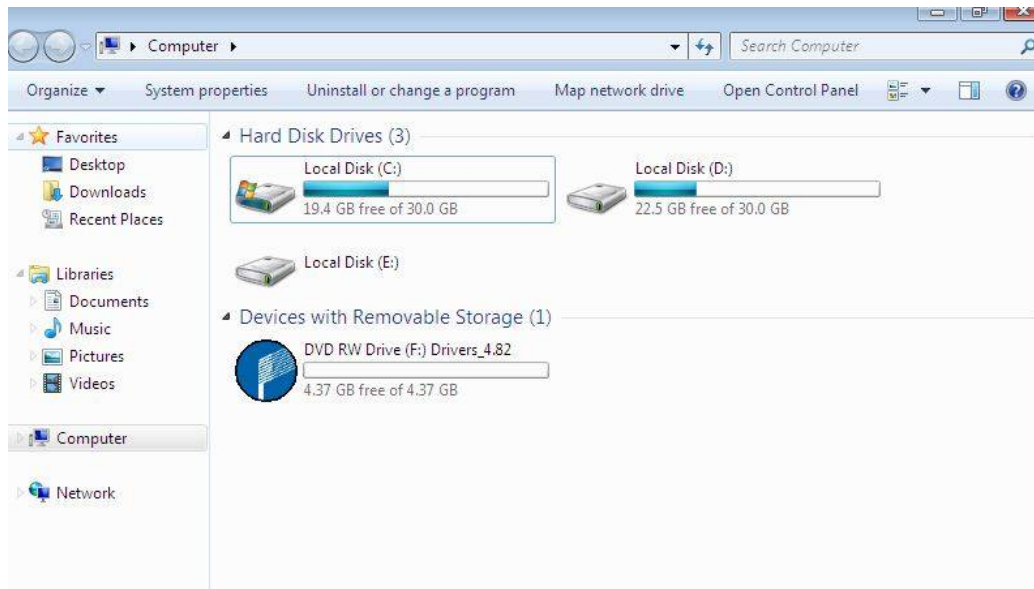
You must install the driver after your completing installation of OS. Please follow the steps below: (for example: driver installation for Windows Windows 7)

2.2.1 OS Installation

You can install the OS what you need. Format your disk and install new OS.

2.2.3 Show the Setup Screen

Insert the attached CD into the CD-ROM drive. The auto run program screen will appear as follow: (If there is no such screen, please double click "My Computer" and click right button on CD-ROM icon)



Notice: There will be some differences from the actual screen because of different OS and driver updating.

2.2.4 Mainboard Driver Installation

Please select the relevant driver to your mainboard model. Any questions you should consult a qualified technician.

Intel chipset(HM55:You must install the driver of
"Chipset Driver"

2.2.5 Graphics Card Driver Installation

Open the setup screen again. Please select the relevant driver according to your graphics card model.



2.2.6 Audio Card Driver Installation

Please click the '**Audio Driver**' icon.

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Because of the constant updating of driver and chipset, the interface content and setup methods may be different. Please ask professional technician for help for any questions during using your computer.

2.2.7 Wireless Lan Net Card Driver Installation

If a wireless lan netcard is fixed on your computer , you should install the right driver in the "**Wireless** Driver"

3. Safety & Comfort Guide

This guide describes proper workstation setup, posture, and health work habits for computer users. In addition, this guide contains electrical and mechanical safety information applicable to all our computers.

Warning: there may be a risk of serious physical injuries from working at your computer workstation.

3.1 Improve Your Posture

Rather than working in a single posture, find your comfort zone. Your comfort zone is a range of positions that is generally appropriate and comfortable for your given work situation.



I. Back:

Use your chair to fully support your body. Distribute your weight and use the entire seat and backrest to support your body.



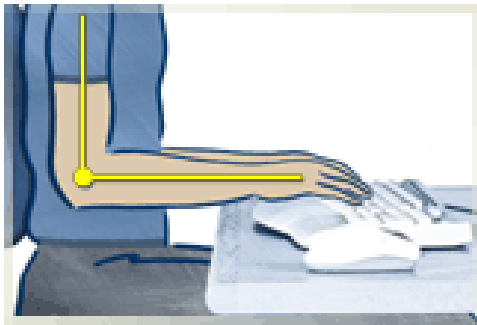
II. Legs:

Make sure your feet can rest solidly and comfortably on the floor while sitting. Use an adjustable work surface and chair that allow your feet to rest firmly on the floor, or use a footrest.



III. Shoulders and Elbows:

To minimize muscle tension, your shoulders should be relaxed, not elevated or drooped, and your elbows should be placed comfortably in relation to your keyboard height.



IV. Wrists and Hands:

While typing and using a pointing device, keep your wrists and hands in their neutral comfort zone. When typing, don't anchor or rest your wrists on your work surface, your thighs, or a palm rest.



V . Neck:

Don't slouch forward. Keep the contour of your spine.

VI. Eyes:

Rest your eyes.

Clean your monitor and glasses.

Have your eyes examined.

3.2 Take Breaks

When you work at your computer for long periods, take short breaks at least once per hour and preferable more often. You may find that frequent, short breaks will benefit you more than fewer, longer breaks.

During your breaks, stand up and stretch, especially any muscles and joints you may have held in an extended static posture while using the computer.

3.3 Keep Health

Cultivate your health and fitness. Additionally, your overall health and tolerance for the rigors of work typically can be improved by avoiding adverse health conditions and by exercising regularly to improve and maintain your physical fitness.

4. Guide of the computer system optimization

5.1 Change Monitors Refresh Frequency

To protect your eyesight, it is intensely advised that you change the refresh frequency of the monitor.

Use the mouse to right click on the desktop, choose "display properties"on the pop-up menu to enter the setting screen,choose "Highest (32bit)"in the "Color quality"panel, and the "Screen resolution"is recommended to be changed to 800*600 or 1024*768, click "apply"

Enter "Advance"to (Default Monitor) and properties, click "monitor"panel, to change the refresh frequency (it is suggested the frequency be 75Hz, immoderately high frequency will lead to display errors; and immoderately low frequency will lead to the effect of flicker on the screen.)

5.2 BIOS Settings

The BIOS has been best optimized and the computer is in the excellent performance. We don't suggest the non-advanced user to change the setting. If the change of setting leads to error, please recover the BIOS settings to default.

You may need to change the boot order if you are to reinstall OS or to run some special program.

If the main board BIOS is Award BIOS, restart the computer , press "Delete" key before the OS begins to run " choose "Advanced Bios Features",change the First boot Device to the driver you need to boot with. If "Floppy"is chosen, the computer will boot from the floppy driver, if "CDROM"the computer will boot from CD-ROM driver and if "HDD-0"the computer will boot from the hard disk.

If the main board BIOS is AMI BIOS, you should set the boot order as the following step:

restart the computer , press "Delete"key before the OS begins to run, choose Boot Configuration Setup then "Boot Device Priority" then enter, choose the First boot Device to the driver you need to boot with. The final step is to use"+" key to adjust the target device to the top.

Booting from hard disk can accelerate the booting speed.

5.3 Open DMA channel

The open hard driver's and optical driver's DMA channel can accelerate the files transfer speed, for example: installing PC games or copying large sized files and documents.

Right click on "My Computer"--- Properties---Hardware---Device Manager ---IDE ATA/ATAPI controllers---Primary IDE Channel---Transfer mode---DMA if available.

P.S: Windows XP users are not required to run this process, the system default setting has already opened DMA.

5.4 IP address configuration

If you have already installed the LAN card driver, right click My Network Places—Properties—Local Area Connection—Properties— (Double click) Internet Protocol (TCP/IP). Choose use the following IP address and fill in you IP, Subnet mask, default gateway which your LAN administrator provides to you. (Users who have not got Ethernets, may fill in 192.168.0.1 and 255.255.255.0, don't fill in "Default gateway")

By configuration of your IP address, you can accelerate the booting speed of your computer.

5. General Troubleshooting and solutions

The computer stops responding

Turn off the computer -If your computer locks up and you are unable to get a response by pressing a key on your keyboard or moving your mouse, press and hold the power button for at least 8 to 10 seconds until the computer turns off. Then press the power button again to turn on the computer. You might lose data if you are unable to perform an operating system shutdown.

A program stops responding

End the program -

1. Press <Ctrl><Shift><Esc> simultaneously.
2. Click **Applications** .
3. Click the program that is no longer responding.
4. Click **End Task** .

A program crashes repeatedly

NOTE: Software usually includes installation instructions in its documentation or on a floppy disk or CD.

Check the software documentation -Many software manufacturers maintain websites with information that may help you solve the problems. Ensure that properly installed and configured the program. If necessary, uninstall and reinstall the program. Then press the power button again to turn on the computer. The relevant program automatically runs during the start-up process. Follow the instructions on the screen.

A solid blue screen appears

Turn the computer off - If the computer does not respond to a keystroke or a proper shutdown, press the power button at least 8 to 10 seconds until the computer turns off.

Other software problems

Check the software documentation or contact the software manufacturer for troubleshooting information.

Check for viruses - Use a virus-scanning program to check the hard device, floppy disk or CDs.

Restart your computer - Save and close any open files, exit any programs, and then shut down your computer through the start menu instead of pressing the

power button.

Check for compatibility - Ensure that the program is compatible with the operating system installed on your computer and that your computer meets the minimum hardware requirements needed to run the software. See the software documentation for information.