8.9" UMPC

USER

MANUAL

1 Notes

1.1 Special Note

Please pay attention to the warning level and special terms in this chapter or section following. These special terms are:

◆【dangerous】 - that must be on guard against the highly dangerous

◆【Warning】 - said to be alert to the risk of moderate

◆【Note】 - that attention should be paid to the risk of mild

◆【prohibited】 - that is dangerous to the operation to be prohibited

◆【reminded 】 - that the need for security or other concerns

This section provides the security information is one part. For your safety and the interests, there is another part of product safety information on the back of the section the manual layout, you should read.

In addition to special attention to the warning signs, the other content of this presentation, you should pay the same attention.

1.2 Importance - Please make sure to be read

High-tech computers are precision products, please be sure to carefully read the following tips before use.

> **Special Note**
>
> When the computer not in use, turn it off, use the screen saver, turn it into standby or hibernation. If the LCD screen displays the same screen for too long, the screen brightness will decrease and produce blurness.

● Don't put any heavy objects on your computer.

● Don't have too many objects in when use suitcase or backpack, especially no additional pressure on computer package or on the back.

● Don't grasp and twist the surface of LCD screen

● Don't put the LCD screen near very hot or humid environment.

● Don't put the LCD screen exposed to direct sunlight or under strong fluorescent too long.

●Do not use corrosive cleaning agents to clean LCD screen, this will damage the screen.

● When the computer is not in use, please have protective display label above the LCD screen, to avoid any damage.

2. In order to prevent overheating the computer, please ensure that the cooling vents are unblocked when the computer is in use.

3. In the system access the floppy, CD-ROM and other media, do not out of the media, or may lead to system crashes or data damage.

4. Please do not work in the system in the hard disk, which may lead to data loss or damage. Reformat your hard disk will delete all the information on your hard drive, please back up ahead of time. Important information, please be sure to back up in timely manner.

5. In order to ensure the safety of your machine, please use an external power supply, to ensure that power is indeed grounded. If it is not prepared to use computers long time, please unplug the power plug in order to avoid short-term system damage caused by excessive voltage. Place where the power supply to be stable and free from any interference. If you do not know the local electrical specifications, please contact your dealer or local power company. Based on security considerations, the earth plug, do not be undermined. Pulling power, to avoid the direct use of pull wires out of the way, must be uprooted from the plugs part to ensure safety. Do

not open the power adapter.

6. Do not use with non-dedicated power adapter by the local supplier, it may cause damage to the computer.

7. If you set a password, please do not forget that otherwise might not boot. If you have forgotten your password, please contact the supplier or contact authorized service station, but it may damage all of your information.

8. When the manual pop-up drive, do not use a pencil and other items easy to break in order to avoid blocking emergency pop-up hole.

1.3 Notes
Applicable to groups
【Note】

All users should have basic computer knowledge before use it. Meantime, children are not allowed to use the computer by themselves, adult should give guidance to them.

Working environment
【Dangerous】

In order to avoid unexpected failures, computer environment should be limited in the scope of the following work:

content	Adapt the scope	**Note**
temperature	-40℃--55℃	
relative humidity	20%-93%(40℃)	
atmospheric pressure	86kpa-106kpa	
Ability to adapt the work of power	220V±22V，50HZ±1HZ	
Operating humidity	35%-80%	
Operating temperature	10℃-35℃	

【Warning】

In order to protest the computer from the environment (humidity, dust, food, liquids, direct exposure to sunlight, etc.) , it should be placed in ventilated, dry place.

In order to avoid interference and damage of Magnetic field, please stay away from other household appliances (such as TV, air conditioning, etc.).

Please do not splash liquid or other debris into the computer; they may lead to short-circuit internal components, thereby causing electric shock or fire.

【Warning】

If the environment is lower than 10 ℃, before use placed under the condition of room temperature 10 ℃ -35 ℃ more than two hours. If the temperature is too low may cause computer power damage.

storage
【Note】

The packing material should be stored safely out of the reach of children.

Battery
【Note】

Replacement of an incorrect computer lithium battery may lead to explosion hazard, make sure to change it under the guidance of professional conduct.

Li-ion battery installation and replacement: only use of similar or equivalent type of battery factory recommends.

Improperly disposed of battery can cause serious pollution.

1.4 Use a computer battery

Please follow the following rules, to make the best use of your battery.

New battery:

New home computer batteries, first-time right on the battery life, performance and so on that were critical, therefore, the use of new computer battery to bear in mind the following points:

1. The initial use will need to put more power to do, and then an external power supply charge, and The best and the first to charge more than 15 hours.

2. The battery must be exhausted before charge. And the second, third charging time must be more than 12 hours in order to activate the battery, so as to keep it long life span and lay a sound foundation.

Battery Life:

Battery life started to countdown, whether you use or not, the life expectancy is in attenuation - the corresponding battery life will be shortened. Under normal circumstances, battery life lives up to standard power charging 300 ~ 500 number times.

Battery attenuation - general method to determine?

1. New batteries are generally tested by BatteryMark software for its nominal using time (power scheme is set to Max Battery mode, tune into the dark screen, WLAN switch off, do not plug any external equipment, turn off the screen saver);

2. Computer battery, under normal circumstances, at room temperature (25 degrees), after charge for 100 times, the actual using time of batter will decrease to 80 ~ 85%; and after charging for 200 times, the using time decrease to 70 ~ 75%; and 300 number times the using time will only have 60 ~ 65%;

3. Therefore, if the nominal using time of a new battery is about three hours. You fully charge and use up daily on average. After using the computer for three months, you would fully charge and use up the batter for about 100 times. the using time of the battery will decay to about 2.4 hours; after six months, battery will be used up in two hours after fully charged; after twelve months, it will decrease to 1.5 hours.

4. Because there are various factors for battery attenuation. Therefore, it can not be based solely on the computer side. This is for reference only.

The impact of the computer and the actual factor affect its life span

The computers under use, some factors that make the battery weak, and even may lead to the using battery time below standard. But this does not mean that there is a problem with the quality and performance issues. The impact of computer use and the actual battery life time factors include the following:

Factor 1: the speed of the processor. Correctly installed Intel chipset driver enable system uses Intel processor Speed step technology for the speed adjustment, thus extending the application of the system battery life.

Factor 2: the RAM memory. If you are using a lot of applications, will take up a lot of hard disk space to do file exchange (virtual memory), thus leading to frequent hard disk read and write. So more memory will increase the use of battery.

Factor 3: a number of applications are running automatically in the background, which increase the CPU load and result in decreasing the battery using time. So close the applications running on the background running. Only run application software necessary.

Factor 4: LCD brightness. The lower LCD brightness helps the battery life.

Factor 5: Speed Step setting and power management. The different power scheme will affect battery life.

Factors 6: The average battery life is one year. It is normal that the battery using time decease.

Factor 7: Some applications (such as watching DVD movies and 3D games) will increase power consumption.

Factor 8: wireless devices and the Bluetooth device will increase power consumption. So close them if not necessary.

Factor 9: the environment temperature too high or too low will affect battery batteries in the activity of chemical substances, thus reducing the use of battery life.

What if the battery can not charge or fully charged?

Not charging or the battery indicator light is not bright or can't use the battery to boot the computer, please send the machine to the local service center to check if it needs to replace another battery.

If you don't charge to 100%, the power will soon be deplete: Batteries are consumables. When it is close to the end of battery life, full charge state may only last a few minutes. And at this point you may need to replace it.

Batteries are not used for long time, how can it be kept?

Charge or deplete to 40%, and then on the temperature of 15 to 25 degrees Celsius to preserve the dry, high and low temperature is easy to accelerate the aging batteries.

Why the charge light has been extinguished, but the battery power status indicator to see 95% - 99%? Is it battery problem?

Charging indicator light to eliminate by the factors, based on whether the reference battery voltage has reached saturation point as a reference point, reaching saturation in the range of 95% ~ 99% of the near saturation voltage will be detected with smaller voltage difference, At the same time, lowering the charge current to avoid over-current or over-voltage charging, causing damage to the battery.

In this last stage of the design of small current charge to take into account the client to avoid saturation in the cells continued to forget unplugged for too long the state has reached the protection of the battery. Together with the computer's lithium battery protection circuit. Battery is not so problematic, it is not the computer to charge the battery problem. But because, 95% ~ 99% of micro-charging, charging indicator light does not trigger. Please feel at ease to use.

Why is the battery declining after is the battery fully charged for a few days?

Normal internal rechargeable battery there. Li-ion battery is able to store electricity from lithium-ion activity of a chemical reaction to achieve. When not in use the internal battery will be the active ingredient slowly revert to a state of low potential, that is, although we do not use battery power but it also will continue to decline, the rate of decline of power and the surrounding environment such as temperature and humidity are closely relationship, usually the higher the temperature, the faster the decline in power. If possible, as far as possible to 40% battery charge in a cool place to place. This will save in the long term battery operation of its own protection circuit. If the fully charged battery will be placed in a high temperature, which will cause great damage to the battery. (So when we use a fixed power supply when the battery is full charge at this time, and temperature generally between 25-40, which would damage the battery, causing the decline in capacity).

The battery can only be used for the computer

Inappropriate if the replacement battery types may be a risk of explosion. Can only use the same models of the original battery or

Recommended for confirmation by the original level of the same types of replacement batteries.

Do not dismantle batteries.

Do not expose the battery to flame or water.

In order to prevent fire, burn or damage the battery, do not let the battery run into metal poles Department items.

To deal with damaged or leaking battery Be careful when. If you accidentally touch the battery fluid, please immediately wash with soap and water. If you come into contact with the eyes, the eyes, please wash with water for 15 minutes, and as soon as possible to hospital for treatment.

If a higher ambient temperature, do not charge.

Store, do not expose the battery to high temperatures.

Power Supply

【**Dangerous**】

You need to use qualified three core grounding protection power plugs and sockets. The good earth pin is an important guarantee for the normal work of the computer. If you replace standard power cord, it may lead to serious consequences. The maximum length of the power cord should not be more than 4.5 meters.

When you use the power before the power plugs and sockets should be to confirm the use of power in line with the computer requirements of qualified power supply and a good grounding in computer an important guarantee for the normal work. Otherwise, it may lead to serious consequences.

【**Dangerous**】

During thunderstorms, the use of products that may have a computer or even your personal security and other property damage. Therefore, during a lightning storm, do not use the computer and disconnect the telephone lines, network lines, power lines may be connected with the outside world of electrical conductors. Thunder, do not plug these cables.

【**Note**】

Randomized double-check the AC power cord provided. If there are problems, please contact the relevant vendor.

For the computer's power cord must meet the following safety standards:

• in line with the CCC Certification

• power supply plug inserted in the final should be a good grounding on the power

• power supply plug must comply with GB 1002-1996, GB2099.1-1996

• Maximum length of power cord 2.5 m

Ergonomics

【**Remind**】

When working on the computer or game, please adjust your environment and arrange for your computer equipment, the body in a comfortable,

Flexible state. The following recommendations can help you get a more comfortable environment.

1. Support your back:

● Select a chair to support the lower back.

● Face to adjust the height and chairs, so that shows a natural and comfortable posture.

2. To promote comfortable leg postures:

● the following items to clear the table legs so that the location and movement more comfortable.

● If your feet comfortably on the floor to rest, use a footstool.

3. Reduced neck bending and torsion:

● LCD display to put in your middle of the front. If you view the text more frequently than the screen, please consider the documents directly on your front, and display a little bit sidelined.

● Consider the use of aircraft documentation, the documentation on the level close to the eyes.

● on the top of the screen near eye level. Patients with astigmatism may need to put your point to the screen, or with qualified health experts to discuss on the glasses for computer work.

4. Reduce eyestrain:

● the screen placed in the arm from a long, comfortable to sit before the screen.

● to avoid glare. Screen should be placed away from the glare of the light generated, or use blinds to control light intensity.

● Please remember to clean up the screen; If you wear glasses to clean glasses.

● Please display brightness, contrast and font size you feel comfortable adjustment of status.

● in the keyboard and touchpad when you gently touch button to keep hands and fingers relaxed, with less effort to hit the keyboard.

● click touchpad or joystick or other game controller, but also efforts to use a smaller touch-key.

● When typing into the palm of your hand or wrist to avoid wide-angle on the surface of the object to rest, if needed, intermittent break in the palm of your hand typing.

● When not typing, relax the arms and hands. Do not rest objects on the edge, such as the edge of the table.

● Adjust your chair, knees squeezed from behind the seats.

1.5 Safety Tips

1. Power outlet hole should be installed next to or near the equipment operator can easily place, plug the power cord to avoid the direct use of pull wires pull out of the way, must be uprooted from the plugs Department to ensure safety, to guard against electric shock. Do not open the power adapter.

2. Do not place this product near water and place.

3. When you install will be on stable structures. This product may be unstable and fall to place, causing serious damage.

4. Do not place this product on the wires coming and going places, so as not to step on a bad wire. Do not put anything on the wire.

5. Follow all warnings and product information marked above.

6. If you do not intend to use this product a long time, please unplug the power plug in order to avoid short-term over-voltage damage.

7. Do not spill any liquid into the products, this action may cause the risk of fire or electric shock.

8. Any of the following circumstances, please by qualified professionals to serve:

a. When the power cord or plug has been damaged or worn.

b. Liquid has been spilled into

c. The product had been subjected to rain or spilled water.

d. When you have followed the instructions of the operation, while the products still can not function properly.

e. If the product has been dropped or damaged in casings.

f. If the product have shown significant damage.

9. The use of this product and storage temperature please refer to Appendix A product specifications, is not provided for the temperature range of use and storage, may cause permanent damage to the product.

10. Do not water or other liquids close to the power adapter for use. Do not spill liquid on the power adapter.

Note: This manual diagram of all the pictures are for reference only, the specific kind prevail.

2 Product Overview

2.1 Introduction

■ Product Name: SINCHUN computer

■ product performance characteristics

Yeung Chau SINCHUN five computers using Intel (R) latest mobile computing technology, performance excellence.

System scalability

System provides a DDR2 RAM expansion slot, allowing users to expand storage capacity as needed and to improve system performance.

Widescreen LCD display

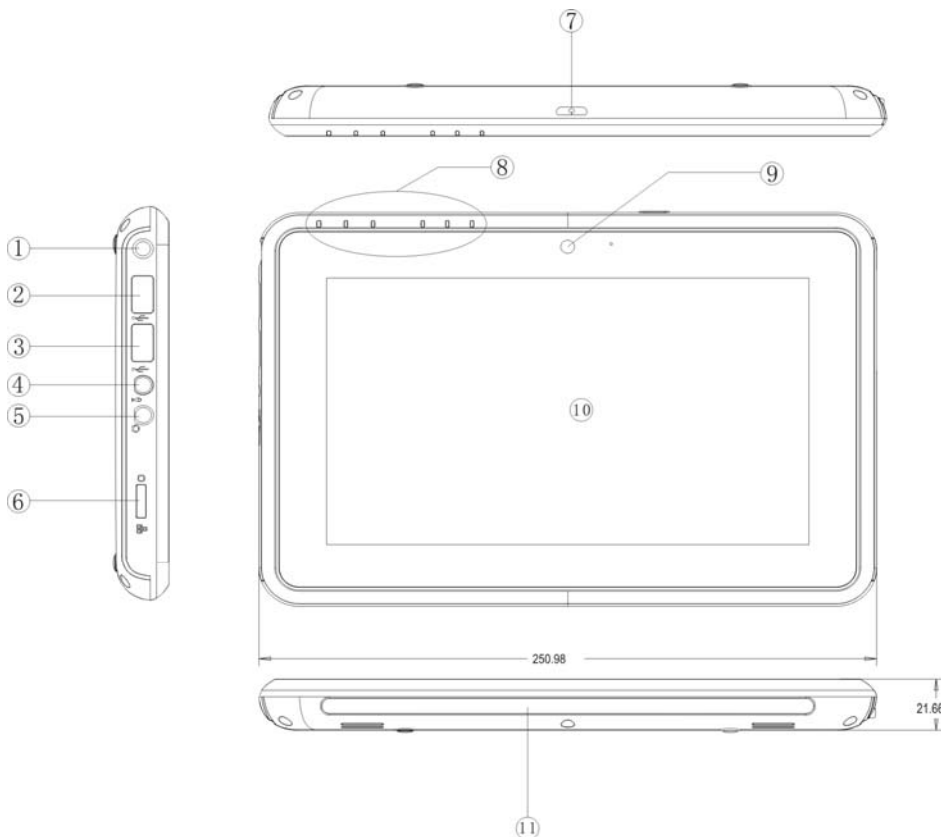The computer has a 8.9-inch LCD screen gives you a broader color text and images.

Communication characteristics

The computer prepared for the LAN adapter built-in Ethernet and wireless solutions matching.

2.2 Introduction

(Note: The following are the schematic diagram in order to prevail in kind)

View full-effect:
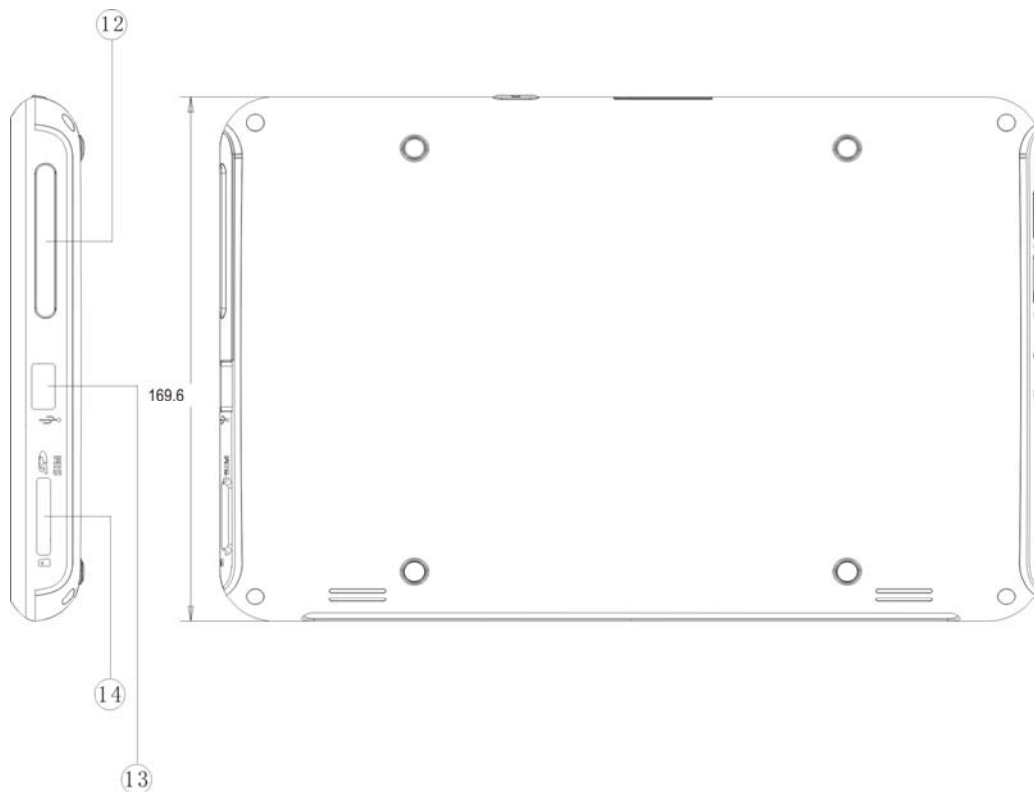
1, power supply interface

2, USB interface

3, USB interface

4, microphone jack

5, headset interface

6, RJ-45/VGA conversion interface

7, the power button boot

8, the Working Status Indicator

9, built-in camera 1300000 pixels

10, display screen

11, speaker (voice output channels)

12, vent

13, USB interface

14, SD card interface

Special Note

LCD screen and do not put anything between the keyboard, for example: pencils, paper, etc., which would damage or scratch the LCD screen. Do not use corrosive cleaning agents to clean the LCD screen, this will damage the screen.

Special Note

Do not place any heavy objects on the computer. This will result in damage to the screen.

The effect of left-view map display:
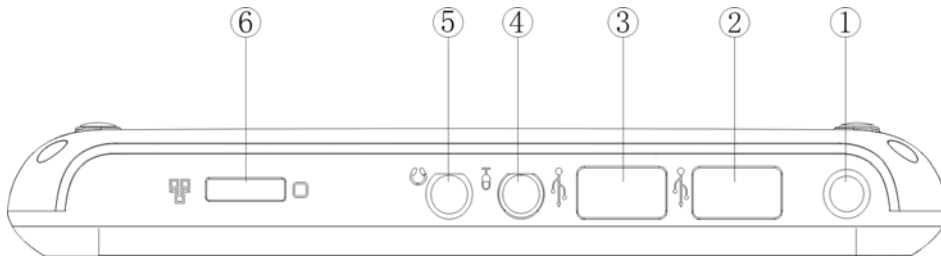
(Picture to the actual machine, whichever)

1, power supply interface

This interface is connected to power supply port, when the computer power supply when the shortage of equipment, devices can be a circular

Client access to this interface, the power to issue a warning after the prompt access to voice, the task bar icon into a rechargeable battery

2,3, USB2.0 interface

USB is the English acronym for Universal Serial BUS, Chinese meaning is "Universal Serial Bus."

It is not a new bus standard, but the application interface in the PC field of technology, become the standard computer Quasi-extended interface.

4, microphone jack

This interface for voice input interface, sound recording, video calls.

5, headset Device Interface

This interface for sound output interface, if the sound output through this interface, this machine will stop the voices of speakers

Work, the voice will be transmitted through this interface peripherals.

6, RJ-45/VGA conversion interface

The interface is a multi-interface, through an external switching device, RJ-45 can be connected through its network

Network access; the same VGA peripheral equipment (eg, monitors, projectors, etc.) can also work through the interface connector

For, the whole process is simple and convenient operation.

View map showing the effect of the right:
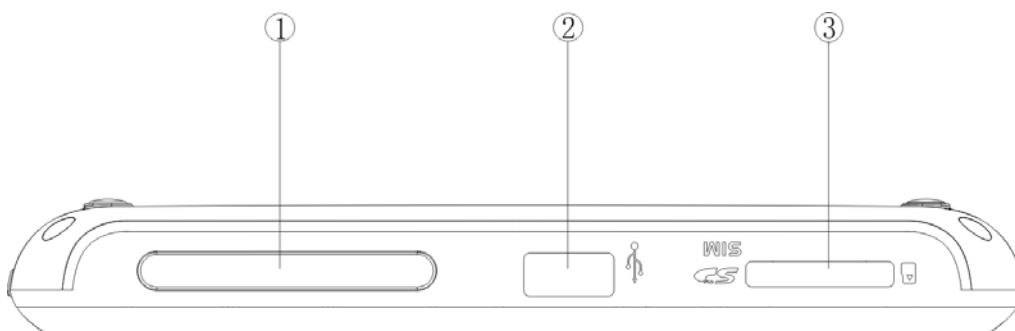
1, vent

This interface is connected to power supply port, when the computer power supply when the shortage of equipment, devices can be a circular

Client access to this interface, the power to issue a warning after the prompt access to voice, the task bar icon into a rechargeable battery

状态.

2, USB2.0 interface

USB is the English acronym for Universal Serial BUS, Chinese meaning is "Universal Serial Bus."
It is not a new bus standard, but the application interface in the PC field of technology, become the standard computer
Quasi-extended interface.
3, SD card / SIM card interface
This interface can be identified SD memory card and mobile phone SIM card.

Chart showing the effect of the position:
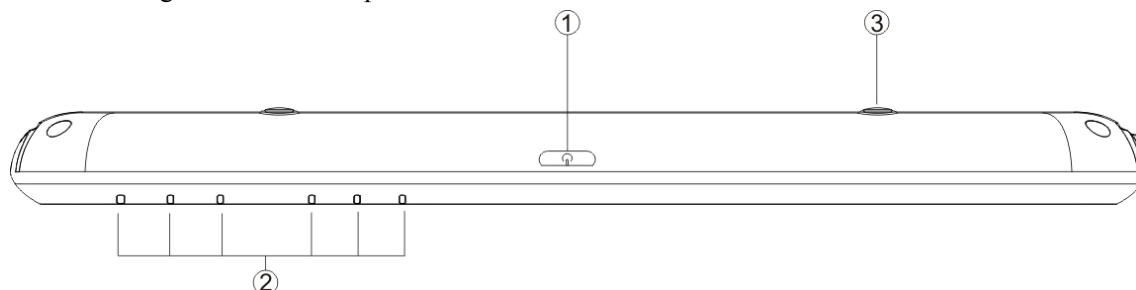
1, ON / OFF power switch button
Under normal circumstances, the computer at a time when the state of preparedness, gently press the power button boot, the left button
Status indicator light will flash when the computer is switched on; the other hand, if the computer is turned on when
Designate this button, the computer will immediately shut down.
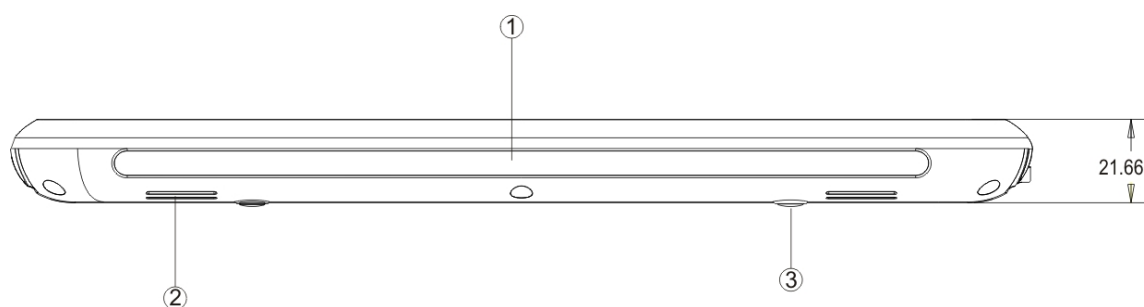2, LED indicator light
Computer itself, there are two LED indicator light (LED power indicator and communications / LED system status indicator light) can be
To provide information on the status of the computer itself useful information.
3 Feet
Computer support departments with the back of the foot pad, a total of four.

Position under the effect of map display:

1, the voice output
Computer itself, there are two LED indicator light (LED power indicator and communications / LED system status indicator light) can be
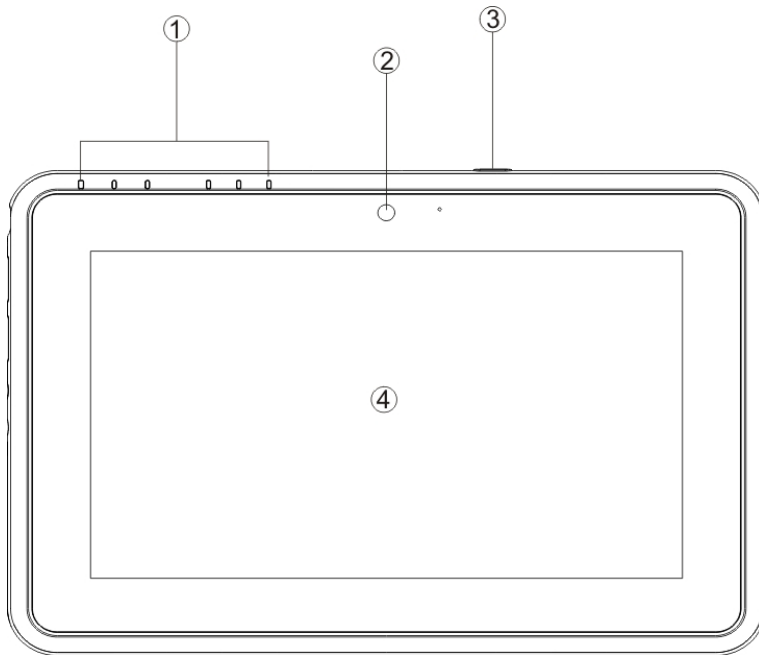To provide information on the status of the computer itself useful information.
2, vents
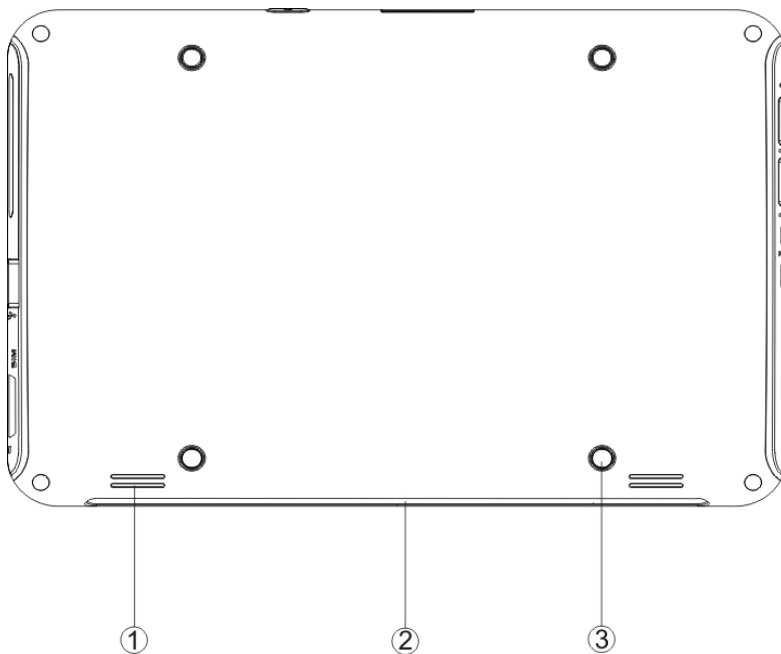To facilitate the role of air flow and cooling.
3 Feet
Computer support departments with the back of the foot pad, a total of four.

Map showing the positive effects:

1, system status indicator light
2, built-in camera 1300000 pixels
3, power on / off button
4, display screen

Map showing the opposite effect:

1, system status indicator light
2, built-in camera
3, a power switch button
4, display screen

2.3 out of the box and check

Please be careful to remove the packaging to remove the machines and other accessories, such as in case of damage and omissions, please contact the dealer immediately.
Please retain the original packing materials, the need for replacement.

You will have the following general components (for details, please refer to packing list)
1. Computer
2. Power Adapter
3. User's Guide
4. Disk drives
5. Battery

3 the use of your computer

3.1 Basic Configuration

| CPU	Intel atom N270 1.6GHz
Chipset	Intel 945GSE+ICH7-M
LCD	8.9"TFT Touch Screen (1024×600）
Memory	DDR2 /1~2G/667MHz
Graphics	Intel GMA950
Hard Disk	16~250G SSD
Internet Connection	Wireless Internet card Built-in Wifi (802.11b/g)//Built-in 10/100Mbps Wire-Internet
Camera	COMS Camera 0.3 ~ 1.3M Pixel
USB interface	USB interface 2.0×3
	USB 2.0×3 wire-internet & VGA interface×1 Storage expansion SD/ MMC×1 Mic input φ3.5mm / -56dB×1 Earphone output φ3.5mm / 40mW×2×1 Power input DC18.5V/ 3.5A×1
Size	250 mm×168 mm×21.3 mm
Weight	NW: 1.01kg GW: 1.335kg
Bluetooth	Built-in Bluetooth modular/FHSS modulation

3.2 the use of touch-screen
The normal operation of the system when entering the desktop interface, touch screen entry, the method can be used directly with your fingers touch, you can
Through the use of standard direct click a touch pen, touch pen click If it is found that the scope of a large deviation can be corrected through the screen to re-point the exact location of the center of touch, after calibration of the touch better results, better get completed work.

3.3 the use of hidden screen keyboard

When entering the system, the touch screen can be used by default, use the bottom right corner of the screen by clicking the icon on the taskbar, click the following screen will pop up below the button with a color touch keyboard positioning the center point position, after calibration of the touch better results, better to complete the work.
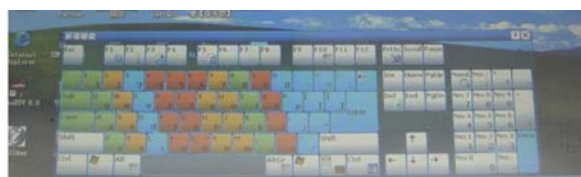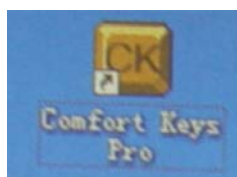
3.4 touch screen using the mouse

When entering the system interface when the lower right corner of the screen will appear】 【Figure A, a small mouse-shaped icon, by default the mouse is left for the sirens, when the virtual mouse when the left is red, there are options and open the role, when the right appears as red in Figure B】 【click file attributes for the role of reality, the effect of short and we use an external mouse is the same effect.
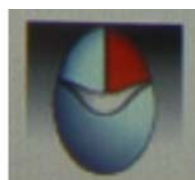

3.5 the use of hand-written pen input

Figure A】 【stylus interface
Figure B】 【minimize stylus status icon

When you use the chat tool, write or edit a document, you can use our "Happy T" handwriting input method; as long as you write inside the designated area is required to write the text, will appear at the top of list you need the fonts, and similar words and phrases. Click on the text you need to.

How to use it Xiaoyao pen?

Happy T is very simple to use, only law in the language bar to switch the location of choice to click.

4 Basic Use of Common Sense

4.1 Start using the computer

This chapter will guide you to start using the computer, boot from opening the computer, shutting down to some other basic operations, as well as the installation of system driver will be described one by one.

External power adapter:

Computer AC power can be supplied by external or internal battery power. When you first boot the computer, we recommend that you use an external power supply.

【Note】 Please use the power adapter for this computer, arbitrary using of other power adapter is likely to damage the computer.

Please make sure your computer is in power off state.

Put the DC power cable into the computer power interface.
AC power line will be inserted into the power adapter on one end, and the other end into AC power socket. Then you can start your computer.

【Note】 For unplug the power adapter, please unplug the AC power plug firstl, then unplug the power supply connector on the computer straightly, otherwise adapter may hurt the computer and the impact of external voltage. Unplug the plug, not
Pulling cable, the application of hand pulled out the plug.

Powering On and Shutting Down the Computer

Open the computer:
Please make sure your computer has been connected to power adapter or battery pack installed. Press the power button about 1 second.

Stop using the computer
When you complete the work, you can power off the computer or enter sleep mode waiting for:

Pattern	Method	Re-boot or use of the method
Turn off the power	follow the operating system shutdown process, so as to avoid data loss or file damage. When the system resource conflicts caused by the computer when not in response to user operations (including Regular shutdown action), can directly press the power button to shut down the computer by pressing the power button for more than four seconds until the computer shut down, but not lost, Save the data or documents.	Use the power button.
Standby	● You can set up Windows under, one of the following methods to enter the standby mode: ● press Fn + F1 ● Press the power button	Use the power button.
Hibernation	● You can set up Windows under, one of the following methods to enter the sleep state: ● press Fn + F1 ● Press the power button	Use the power button.

If you choose to wait or stop the computer hibernation, then next time when the use of computers will be able to stop before the return to the original state.

If your computer system is installed on Windows XP system, the way as below to adjust the computer to enter hibernation time :

1. Desktop click the right mouse button, click on "Properties" option
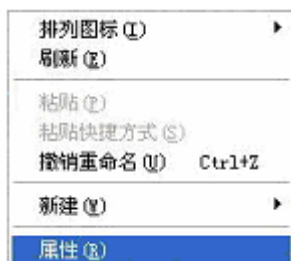
2. Click on the "screen protect system" option

3. Click on the "Power" option

4. Click "system sleep" button on the right side of the pull-down menus, depending on your needs, choose the system to enter the dormant time. We suggest you choose time within 30 minutes.

The products comply with the following normative documents:
GB4943 "the security of information technology equipment",
GB9254 "information technology equipment, radio disturbance limits and measurement methods",
GB17625.1 "harmonic current limits for electromagnetic compatibility launch limit (per phase input equipment $\leq$ 16A)"
GB/T9813 "general specification of micro-computer"

4.2 Keyboard functions

4.4 display
It supports high-resolution and true color function. To bring you the extraordinary visual impression.

To extend the life of the screen:

Observe the following guidelines may be extended display life.

1. The screen brightness set to minimum brightness comfortable to watch.

2. When use on the table , you can add an external monitor and shut down a computer screen

3. Do not turn off power management options and to enter the suspend mode.

4. If you are using AC power and there is no external display, when not in use, please switch to the suspend mode.

【Note】 In order to extend your battery life, under comfortable watch state, which will be the premise of brightness to the minimum, so that the internal light source can use less electricity.

4.5 Website Card

Your surgery 10/100Mbps Ethernet Notebook Card, LAN lines will be inserted at one end of the left side of your computer conversion interface, you can achieve a data transmission line.

Wireless Network

If your computer is a matching built-in wireless card WIFI, when you start the computer which is defaults to open every time.

5 BIOS settings and security

In this chapter, we will teach you how to enter the BIOS setup process and configure a variety of hardware control options, you will also learn how to use the built-in security settings.

[Settings Utility Program]Which is built into the BIOS (Basic Input Output System) program in the state of the hardware. It can perform many of the hardwares and maintenance functions. It is a model to use menu-based software that allows you to easily configure and change settings.

BIOS contains the pre-computer BIOS settings. However, you still have a chance in the need to modify BIOS settings in advance. When the hardware change, such as upgrades, interim status or when you decide to customize the hardware settings to meet the specific needs, you may need to start the BIOS setup process.

BIOS allows you to set a password to restrict access to users. This is an important function, because there are a large number of computer information are stored. Unauthorized access can be prevented.

5.1 Use the BIOS Setup Method

You must be running the case of BIOS settings are:

Test found that the problem startup screen appeared on the implementation of information requirements of your BIOS settings.

Do you want to undo the default value.

You want to change the hardware-specific settings.

To change your settings to get the best system performance.

How to choose

To enter the BIOS settings, first of all, an external USB keyboard, and then boot, and press the DEL key to enter the BIOS settings interface.

For a project, you must pass two or three options to complete the setting
. Most of these options have to be through three options: the title menu, the drop-down menu and submenu.

Use the keyboard to move and to choose. You can see the keyboard in the lower right corner of the screen information.

5.2 Main Menu

System Time & Date
The system uses a 24-hour time mode (for example: 13 representatives of 13 o'clock). If you can change your operating system time and date system, the system setup program (Setup) in the date and time will be changed. In addition, some applications of the time and date will change accordingly.

IDE Channel 0 Master
Press Enter key to enter the menu, which displays "type (Type)" field is set. If the "type (Type)" field is set to "Auto", the system setup process will automatically set the device.

SATA Port 0
Press Enter key to enter sub-menu, which displays the set SATA hard drive. If the "type (Type)" field is set to "Auto", the system setup process will automatically set the device.

Info
BIOS and EC show version information.
Display CPU information.

5.3 Security Menu
Security menu contains the security settings to protect your system from unauthorized use.

5.4 Boot Menu
Set the boot sequence.

5.5 Exit menu
You can choose to "Save Changes and Exit" exit and save settings, or "Discard Changes and Exit", quit but do not keep your settings in the system procedure to change the settings done. You can also choose "Load Optimal Defaults" in the system setup program settings all back to their default values, while in the previous change your settings will disappear.

Special Note
If you set a password, please do not forget that, otherwise might not boot. If you have forgotten your password, please contact the supplier or authorized service station link, but it may damage all of your information.

6 Driver installation and use

In this chapter, you will learn how to use the accompanying CD-ROM to install drivers.
Your computer shipped with a driver CD-ROM at the same time. CD-ROM contains the corresponding device driver. This chapter will guide you through how to install these drivers.

The computer system to support Windows XP. Please follow the installation order of driver installation: (root is according to the operating system, you choose a different installation path to install)

Note: This machine without Modem, so do not need to install, please skip.

Directory name	driver name	description
Chipset	Chipset driver	Be sure to install this program in order to ensure that the functions of other drivers
VGA	Display driver.	To ensure that the full functionality of VGA display, allows you to configure screen resolution and more color-rich
Audio	Audio drivers	Allows you to use and configure the. function computer's audio
LAN	Network driver.	Allows you to use your computer's networking features
CardReader	Card reader driver.	Allows you to use and configure the computer's functions CardReader
WLAN	Wireless network drivers.	Pre-loaded according to the "Fn + F3" to start, let you use your computer's wireless networking features.
Bluetooth	Bluetooth driver.	Needs to be installed before the "Fn + Esc" to start, so that you are using Bluetooth-enabled computer.
Webcam	Camera driver	Needs to be installed before the "Fn + F12" to start, so that you are using a computer camera function . Can control the Bluetooth, wireless, touchpad, camera top
OSD	Screen menu adjustment procedures	Can control the Bluetooth, wireless, touchpad, camera

		top

Please use your Windows system in the "automatic update" feature, Windows will be routine inspection can protect your computer against the latest viruses and other threats to security updates attacks. These high-priority updates at Windows Update site, enter the method: Start Menu - All Programs - Windows Update (Please ensure that your computer network in state), please find your options on the site updates, and install .

If the computer has been pre-installed antivirus software, please immediately after you register online virus database upgrade, in order to avoid a virus attack on your computer.

Should pay attention to the use of follow-up visit the Windows Update Web site regularly to find the optional updates, and install it.

7 Fault Analysis and Treatment

In this chapter, you will learn how to solve the general problem of the hardware and software. Your computer have been complete before the test, in line with the system specifications. However, incorrect operation or negligence in the delivery process will lead to problems. This chapter will address you may experience general hardware and software to provide reference and identification information.

When you encounter problems, you may want to try to explain in accordance with this chapter to deal with it. If the error situation persists, then please contact your service information to the dealer.

7.1 sound problem

Voiceless

● Double-click the taskbar speaker icon in the lower right corner to see whether the volume of loudspeakers has been turned off.

● Please click Fn + F10 to see if mute? Whether or not the computer to the smallest volume?

● Most of the problems associated with voice software. If your computer before the sound is normal, a possible reason for this is that the software settings are incorrect.

Not recording

Double-click the taskbar speaker icon in the lower right corner to see whether the volume of the microphone has been switched off or the microphone is set to a minimum.

1. Click "Options" and select "Properties."

2. Select "microphone input volume" and click "OK" button, recording console volume.

7.2 hard drive problem

Hard drive does not work or does not recognize

● If you just upgrade the hard drive, make sure that the interface did not loose your hard disk, hard disk into the entirely correct. You can unplug the power connector, and then firmly re-inserted again, and then reboot.

● the need for a new hard drive partition and reformat. Operating system and drivers also need to reinstall.

● Please check the hard disk light. When you access the document, the hard drive lights should be flashing intermittently.

● a new hard drive may be bad.

● If your computer has been subjected to static or impact, you may have damaged the hard disk. The implementation of the hard disk is too slow

● If you use the hard drive has been a long time, too much clutter and paper will lead to a lot of disk fragmentation. Go to [the start> program> Annex> System Tools> Disk Defragmenter to organize the implementation of the disk. This operation may take some time.

● your hard disk may be infected with a virus.

Document damaged

Requests the Executive "disk scanning procedure" to check the disk surface scan. Double-click [My Computer], right-click C:, choose [a

Of], in [tools] error checking in the status tab click [Check] implementation of the disk scanner.

7.3 displays the problem of

When the system boot-up, black

● Make sure the computer of "waiting" mode. In these models, the display will be shut down to conserve energy.

● please press the function key in order to increase the brightness of the screen.

● please press the function key to determine the computer model of CRT output.

Screen difficult to read

● please press the function key in order to increase the brightness of the screen.

● adjust screen resolution to display the best effect.

Screen flicker

When you boot or shut down several times to see the screen flicker, which is a normal phenomenon.

Residual image

   LCD display screen when switching on the screen may have residual image phenomenon, especially in a long time after the show still images.

What is the residual image?

Under normal conditions is the use of LCD display screen image does not produce residues. The definition of normal conditions in the environment provides for changes in screen display. If the screen still shows a long time, it may result in differences in pixel charge electrode. This difference will lead to some regions of the accumulation of charge on the electrodes and affect the arrangement of liquid crystal molecules. Before such a screen will remain in the new screen. Including the LCD display products, including all the residues in the case of both images, this is not a bad product.

To better protect your computer display screen, it is recommended not to use the computer a long time when you use a screen saver or to a computer in standby or hibernation-like

Dead screen
LCD manufacturing process as a result of the restrictions, LCD's usually some point does not show as some of the color (usually referred to Dead), this is a normal phenomenon, please rest assured that use. For further information, please refer to the Chinese national standard GB/T9813-2000.
Following national standards for content
LCD Dead acceptable standard
    Conditions in the following test:
    Ambient temperature: 20 ℃ ~ 25 ℃
    Light: 300 lx ~ 700 lx
    Visual distance: 35cm
    Visual point of view: line of sight with the screen surface into a 90-degree
Note:
    1 white spots in the whole screen and detect, black spots in the detection of black and white screen.
2 R on behalf of the red, G on behalf of Green, B on behalf of the blue.
R + B + G ≤ that total less than or equal to the number accepted.
R, G, B ≤ as points that are each less than an acceptable number.
    The definition of 3 consecutive points

Consecutive three-point: two points for:
      ■ ■
      ■ ■
      ■
    The following can be given to excluding:
■ ■ ■ ■ ■ ■ □ □ ■
        □ ■ ■ □

Dead screens of different sizes require different
The computer screen 21.3cm
    White spots ≤ 1 for two pair; more than three consecutive three-point and ≤ 0; R + B + G ≤ 6; a total of less than 6 for the acceptable number of
    Black spots in two consecutive ≤ 1 pair; more than three consecutive three-point and ≤ 0; R + B + G ≤ 8; R, G, B ≤ 5; the total number of less than 8 for an acceptable

26.4cm notes
    White spots ≤ 1 for two pair; more than three consecutive three-point and ≤ 0; R + B + G ≤ 6; a total of less than 6 for the acceptable number of
    Black spots in two consecutive ≤ 1 pair; more than three consecutive three-point and ≤ 0; R + B + G ≤ 8; R, G, B ≤ 5; the total number of less than 8 for an acceptable

800 600 notes 30.7cm)

White spots ≤ 1 for two pair; more than three consecutive three-point and the R, G, B ≤ 0; R + B + G ≤ 8; the total number of less than 8 for an acceptable

Two black spots for ≤ 2 pair; more than three consecutive three-point and ≤ 0; R + B + G ≤ 10; R, G, B ≤ 7; the total number of less than 10 for the acceptable number of

1,024,768 notes 33.8cm)

White spots two consecutive ≤ 2 pair; more than three consecutive three-point and the R, G, B ≤ 0; R + B + G ≤ 10; a total of less than 10 for the acceptable number of

Two black spots for ≤ 2 pair; more than three consecutive three-point and ≤ 0; R + B + G ≤ 12; R, G, B ≤ 7; the total number of less than 12 for the acceptable number of

Notes 35.8cm pixels)

Two white spots ≤ 3 consecutive pair; more than three consecutive three-point and the R, G, B ≤ 0; R + B + G ≤ 12; a total of less than 12 for the acceptable number of

Two black spots ≤ 3 consecutive pair; more than three consecutive three-point and ≤ 0; R + B + G ≤ 12; R, G, B ≤ 7; the total number of less than 12 for the acceptable number of

7.4 memory problem

When you install more memory later, POST-boot self-test did not show the increase in memory capacity

● Installation of memory may be incorrect.

● bad memory.

● your system may be related to some memory is not compatible.

● system to share part of the system memory as its memory.

Issued by the operating system in operation less than a memory error message

● This is usually software or Windows-related issues.

● Please do not use the closure of the application software, and rebooting.

● Otherwise, you will need to install more memory.

 Appendix product specifications

Intel (R) latest mobile computing technology

CPU

To support the Intel Atom N270, 1.6GHz (533MHz FSB) CPU.

Chipset

Intel 945GSE + ICH7-M.

ROM BIOS

AMI

System memory

A SO-DIMM slots support DDR2 memory.

Screen

8.9 "LCD color LCD display.

Display Controller

Intel integrated GMA950

Keyboard

81-key keyboard.

Touchpad
With two button touchpad.
Hard drive
2.5 ", high-9.5mm, support for SATA hard disk.
Audio
A microphone jack, a headphone output jack.
I / O port
1 microphone jack;
A headphone jack;
3 USB2.0 interface;
An external display interface;
A network cable (RJ-45) jack;
A card reader (MS / MS Pro / SD / MMC /);
1 DC-IN socket;
A SIM card
Local Area Network
10/100Mbps.
Wireless Network
Mini card set aside the use of the built-in wireless card antenna, in line with the optional
(802.11b / g) wireless card.
Camera
     1.3 million pixel camera built
Bluetooth

Power Supply
Power adapter: Input: 100-240V ~ ,50-60 Hz Output: 20V 2A.
Battery
Smart Li-ion battery, the use of time is about 3 hours. Actual use of time as the battery status and
the specific use case.
The battery life test conditions:
1) System: Windows XP Professional.
2) Computer BatteryMark 4.01.
3) Power Management: adjust the power scheme to Max Battery mode.
4) ambient temperature: room temperature.
5) screen brightness: to compare the dark.
6) the closure of a number of functions: for example, wireless Internet access function, and
remove all external devices (such as USB, 1394, PCI Express interface equipment, projector)
7) test the system before the anti-virus, virus-free before the confirmation test.
8) or more of these tests is a computer
The work of a larger power consumption, the actual battery life time will be less than or more of
these tests.

Battery Description:

This time for the computer BatteryMark Max Battery mode at room temperature under the test
data, battery specific working hours may also be subject to the following factors: the number of

battery charge and discharge, the operating system, computer configuration, LCD screen brightness settings, applications (especially video player, such as DVD players, etc.), power management settings and features used (such as the wireless feature turned on, use the PCI Express card slot, and USB, 1394, series parallel port devices, projectors, etc.) may increase the power of computers in order to affect battery life. Since some computer virus will cause the system to operate at full capacity at this time may also reduce system battery life.

General computer is limited battery life, battery performance and the use of time as the increase in the frequency of use has decreased, the normal wear and tear is normal battery. If the end of your battery life, you can choose to go to the nearest service station to buy the original Founder battery accessories.

Size
About 250.98mm (W) x169.6mm (H) x21.66 mm (D)
Weight
About 1.37 kilograms (including batteries and leather suite power adapter)
Note: only the basic system as shown in the weight of the weight, the weight value is for reference only, actual weight will be different because of configuration changes.
Note: due to product specifications to configure the computer to update faster, product specifications are subject to change without notice to the user to buy whichever machine configuration.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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