

Wonderful life should have you

User manual

1. Precautions

1.1 special tips

In order to understand and bring to your attention, we will refer you to this chapter when it comes to product safety or information of concern Section or in a later section to alert you to the following levels and special warning terms, these special warning terms list The method is as follows:

- 【Danger】 – to be alert to a high level of danger
- 【Warning】 – to be on guard against moderate danger
- 【Attention】 – attention to mild danger
- 【prohibited】 – indicates that dangerous operations should be prohibited
- 【Warning】 -- indicates security or other concerns

The security information provided to you in this section is not complete. For your safety and interests, we will provide you with the following information Part of the product safety information needs to be organized into later sections of the manual, no matter where the safety information is located, You should read them carefully.

Also, in addition to the special warning terms of the note, for the other content and introduction So, you should pay the same attention

1.2 important tips for notebook use, please be sure to read

Laptop computer belongs to high-tech precision products, please be sure to read the use of the following tips carefully.

1. Maintenance of LCD display:

- Don't put anything heavy on your notebook.
- When using a suitcase or backpack, make sure you don't have too much stuff in your bag and not in your notebook Pack and LCD back add extra pressure
- Do not scratch, twist or bump the surface of the LCD screen.
- Do not expose the LCD screen to temperatures over 40 degrees Celsius or humidity greater than 90 percent
- Do not expose the LCD screen to direct sunlight or strong fluorescence.
- Do not place anything between the LCD screen and the keyboard, such as pencils, files, etc. This can damage or damage the keyboard Scratch the LCD screen. Do not wipe the LCD screen with a corrosive cleaner, as this will damage the screen

2. To prevent your computer from overheating, make sure you do not block the cooling vents while your computer is working
3. When the system is accessing floppy, optical, mobile storage media, do not move out of the media, otherwise it may beCan cause a system crash or data corruption
4. Do not disassemble the chassis while the system is working, as this can result in data loss or corruption. The formatted hard disk will be deletedPlease backup all the data except the hard disk. Important data must be backed up in other storage media. The company shall not be liable for any data loss arising therefrom.
5. To ensure the safety of you and the machine, please ensure that the power supply is properly grounded when using the external power supply.
If you are not going to use the computer for a long time, please unplug the power plug to avoid system damage caused by transient overvoltage.
The power supply should be stable and undisturbed. If you do not know the local electrical specifications, please contact your dealer
Or the local power company to consult. For safety reasons, do not destroy the grounding wire of the power plug.
pull When the power supply, avoid pulling out the wire directly, be sure to pull out from the plug to ensure safety.
cleanBe sure to unplug and remove the battery before using your computer.
Do not disassemble the power adapter
6. Do not use power adapters that are not part of your laptop.
This will damage your laptop.
7. Do not take your laptop with one hand or keep it out of balance.
8. This product can only be dismantled and assembled by the authorized service personnel of XXX company. Please guarantee the integrity of the seal, otherwise it can be usedCan affect your enjoyment of warranty or "three guarantees" services.
9. If you set the password, please do not forget, otherwise it may not boot. If you forget Password, please contact the supplier or authorized repair station, but this may damage all your data.

1.3 precautions

Apply group

【Pay attention to】

Use a computer, should have certain computer basic knowledge.
At the same time, computers are not suitable for children to operate alone.
Such asIf necessary, there must be adult care.

The work environment

【dangerous】

To avoid unexpected failures, a computer
Should operate in the followingrestricted environment:

Express content	Adapt to the scope of	The backup
Storage and transportation temperature	-20° C - 55° C	
Storage and transportation relative humidity	20% - 93% (40° C)	
Atmospheric pressure	86 kPa - 106 kPa	
Power supply adaptability	100V-240V, 50Hz $\pm$ 1Hz	
Working humidity	35% - 80%	
Working temperature	10° C - 35° C	

【warning】

To protect your computer from the environment (moisture, dust, food, liquids, direct exposure to sunlight, etc.),
Should be placed in a ventilated, dry place.

To avoid magnetic interference and damage, please stay away from other appliances (such as TV, air conditioning, etc.).

Please do not splash liquid or other sundries into the computer, otherwise it may cause the short circuit of its internal components and lead to Electric shock or fire.

【 note 】

If the computer is powered on when it is not restored at low temperature, it may cause irreparable failure to the computer.

Please make sure the computer is restored at room temperature (10 degrees Celsius or above) for more than 2 hours before use.

Before using

【 warning 】

After the computer is stored and transported in an environment lower than 10°C, it should be placed at room temperature of 10° c-35 °C before use

Hours of time, to avoid computer temperature is too low and power damage.

During this time do not remove the packaging and let the electricityBrain natural recovery temperature,

to avoid heating up too fast and electrical damage

【 Pay attention to 】

Before use, make sure the connection, power supply and other items of the computer are in accordance with the requirements of the manual.

Move, transport, store

【 Pay attention to 】

When you move your computer, handle it with care.

The goods shall be stored in the original packing box and stacked according to the instructions in the packing, storage and transportation diagram, and the closed container shall be used for handling.

Packaging materials should be stored safely out of reach of children to avoid unsafe conditions. According to the national standard (GB/t 9813-2000), "microcomputer general specification" in the relevant interpretation of the computer

After storage and transportation at a temperature below 10°C, place it at room temperature (10-35 °C) for 2 hours before use

When the time above, to avoid the computer temperature is too low power damage.

In the meantime please do not remove the packaging and let the electricity

Brain natural temperature recovery, to avoid the computer frosting and condensation caused by too fast heating caused by the occurrence of electrical damage.

The battery

【 Pay attention to 】

Incorrect replacement of lithium batteries may cause explosion hazard,

please be sure to be under the guidance of professional maintenance personnel

Install and replace lithium batteries; Only the same or equivalent type of replacement battery as recommended by the manufacturer is allowed Product;

Improper disposal of the battery will cause serious environmental pollution,

please be sure to properly dispose of the battery or waste

The abandoned battery shall be returned to the after-sales maintenance department of XXX company for treatment to avoid environmental pollution.

1.4 laptop battery use instructions, please be sure to read

Please follow the following rules to use your battery properly.

A new battery:

The new battery needs to be used first, the power will be exhausted, can do the action of charging.

Battery life:

Improper use and maintenance can shorten battery life.

To improve battery life and battery function, each The battery

Should be completely discharged and recharged to saturation every 30 days.

Battery, counter:

A meter is built into the battery to calculate battery power.

Battery meter relies on battery [memory]

(memory) to determine how much to stop charging and discharging.

But if you often do [incomplete] charging or [incomplete]

Discharge, the battery [memory] will be messed up.

To improve the accuracy of the battery meter, you must every 30 days or after 20 [incomplete] discharges, Do at least one full discharge and recharging until full

Due to the characteristics of the battery itself, the battery will be gradually reduced in the process of use, the use time will be shortened in the battery protection

During the repair period, the battery may not be able to be fully filled to 100%, but it will not affect the normal use, which is a normal phenomenon.

Save battery power:

A advanced power management:

Your laptop has advanced power management features that slow down the processor and peripheral parts. make Using these features will help save battery power.

B brightness of LCD:

LCDS use a lot of power, so if you turn down the brightness, you can save power.

C software and peripherals:

Different software and peripherals consume power even if they are not programs or devices in use. To save battery energy, we recommend the following:

- if you are not using a wireless card or other communication program, turn those programs off.
- remove the unused PC card from the computer slot.

Even in pause mode, the PC card quickly drains the battery.

- unplug unwanted peripherals from the computer socket.

Q & A:

How to fully discharge the battery?

Let the computer run on battery power until the computer shuts down automatically because the power is too low. Even among you

You should never read a message on your computer screen saying the power is too low or hear a beep warning you that the power is too low

Turn off the computer by yourself. Keep the computer running until it runs out of battery power and shuts down automatically.

How to fully charge?

When the battery is recharged, it usually waits until the battery light on the computer shows that the battery has been charged.

For details, please refer to the power status indicator in this manual

How to maintain the battery?

After at least every 30 days or every 20 [incomplete] discharges,

You have to do a full discharge and charge.

Special note:

This battery can only be used in this laptop.

There is a risk of explosion if the wrong battery type is replaced.

Only the same type of original battery can be used

Or the battery type of the same level approved by the original factory shall be replaced.

Please do not disassemble the battery.

Do not expose the battery to fire or water.

To prevent fire, combustion, or battery damage, do not allow the battery to touch metal objects at either end of the battery. Take special care when handling damaged or leaking batteries.

If you accidentally

touch the battery fluid, Please rinse immediately with soap and water. If it touches your eyes, Please rinse your eyes with water for 15 minutes and go to the hospital as soon as possible.

Do not charge if ambient temperature is high.

Do not expose the battery to high temperature during storage.

The power supply

【Dangerous】

You need to use a qualified three-core grounding power plug and socket with grounding protection.

The power plug should eventually be plugged into a well grounded power supply.

Good grounding is an important guarantee for your computer to work properly.

If you change the standard power cord without permission, it may cause serious consequences.

At the same time, the maximum length of the power cord should not exceed 4.5 meters.

Before using the power supply, you should follow the instructions of the power plug and socket to confirm that the power supply meets the requirements of the computer.

Qualified power supply and good grounding are important to ensure the normal operation of the computer. Otherwise, serious consequences may be brought.

【Dangerous】

During a thunderstorm, the use of the product may damage your computer or even your personal and other property.

Do not use your computer during thunderstorms and disconnect the telephone, network, power and other devices that may be connected to the outside world. The electrical body.

Don't plug in these cables when it thunders.

【warning】

Don't try to plug a 110V power cord into a 220V power supply,

Do not change the voltage selector switch of the machine power supply.

Any alteration may cause personal injury or equipment damage.

【Pay attention to】

Carefully check the supplied ac power cord. If there's a problem,

Please contact the relevant vendor.

The power cord used for the microcomputer must conform to the following safety specifications:

- **Compliance with CCC certification**
- **The power plug should eventually be plugged into a well grounded power supply**
- **The power plug must conform to GB 1002-1996 and gb2099.1-1996**

Ergonomics

【remind】

When working or playing on your computer, adjust your environment and arrange your computer equipment,

Keep your body in a comfortable, flexible state.

The following Suggestions can help you get a more comfortable environment.

1. Support your back:

Choose a chair that supports the lower back.

Adjust the height of the face and the chair,

Make it appear a comfortable and natural posture.

2. Promote comfortable leg posture:

Remove objects from under the table to make leg positioning and movement more comfortable.

If your feet cannot rest comfortably on the floor, use a footstool.

3. Reduce neck bend and twist:

Put the LCD display in the middle of your front. If you view documents more frequently than the screen, Consider placing the document directly in front of you, with the screen slightly to the side.

Consider using a document rack and holding the document close to eye level.

Place the top of the screen near eye level. People with astigmatism may need to lower the screen a little bit,

Or talk to a qualified health professional about glasses suitable for computer work.

4. Reduce eye strain:

Sit comfortably in front of the screen at arm's length.

Avoid glare. The display should be placed away from the source of glare,

Or use curtains to control light intensity.

Remember to clean the screen; Clean your glasses if you wear them.

Please adjust the brightness, contrast and font size of the display to your comfort.

While operating the keyboard and trackpad, please gently touch the keys.

Keep your hands and fingers relaxed and tap with less force.

When you click on the trackpad or use a joystick or other game controller,
Also use less force to touch the keys.
Avoid resting your hand or wrist on a surface at a large Angle while typing,
Take a break from typing if you need to.

Relax your arms and hands when you're not typing.
Do not rest on the edge of an object, such as a table.

Adjust your chair so that the seat does not squeeze behind your knees.

1.5 safety instructions

1. Power outlet holes should be located close to the device or where they can be easily operated,
When unplugging and plugging the power cord, avoid pulling it out directly.
Be sure to pull the plug to ensure safety and avoid electric shock.
Do not disassemble the power adapter.
2. Do not place this product near water.
3. Please install the product on a stable support.
This product may fall due to unstable placement and cause serious damage.
4. Please do not put the wire of this product in the place where people come and go,
so as not to step on the wire.
Do not place anything on the wires.
5. Follow all warning messages and product labels.
6. If you don't plan to use this product for a long time,
Please unplug the power plug to avoid damage caused by transient overvoltage.
7. Do not spill any liquid onto the product. This may cause a fire or electric shock.
8. Please refer to a qualified professional for the following situations:
 - A. When the power cord or plug is damaged or worn.
 - B. The liquid was splashed on the product.
 - C. The product has been exposed to rain or water.
 - D. When you have followed the operation instructions,
the product still fails to operate normally.
 - E. If the product has ever fallen off or the shell has been damaged.
 - F. If there is significant damage to the product.

9. Please refer to the product specification in appendix A for the use and storage temperature of this product.
Not being used and stored within the specified temperature range,
May cause permanent damage to the product.
10. Do not use the power adapter near water or other liquids.
Do not spill liquid onto the adapter.

Note: all the pictures in this manual are for reference only.

2. Product overview

2.1 introduction

Adopt the latest mobile computing technology of INTEL ®

System scalability

The system allows memory and hard disk capacity upgrades instead,
Please consult your local distributor when replacing alternatives for capacity expansion
Or go to the designated maintenance department for operation.

Clear LCD screen

The laptop has an LED backlit LCD display,
Bring you clear and bright color text and pictures.

Communication features

The notebook comes with a built-in 802.11ABG wireless solution for lans.

2.2 introduction of components

1.LCD display panel

The computer's data and graphics will be displayed on this screen

2. Power button

The computer can be turned on/off,
and the power indicator is always on when the computer is turned on.

3. The keyboard

The keyboard can be used to enter data.

4. The touch pad

The touchpad is a built-in pointing device that functions like a mouse.