

1 Precautions

1.1 Special note

In order to facilitate understanding and attract your attention, when information about product safety or attention is concerned, we will prompt you at the following levels and special warning terms in this section or in the following section:

[Danger] Vigilance against high danger.

[Warning] To be on guard against moderate hazards.

[Notice] Concern about mild hazards.

[Prohibition] Dangerous operations need to be prohibited.

[Reminder] Safety or other content needs to be paid attention to.

The security information provided for you in this section is not all. For your safety and interests, we will arrange part of the product security information to the later sections of the instructions, which you should read carefully.

Similarly, in addition to the matters of attention raised in special warning terms, you should attach the same attention to other contents and introductions in the instructions.

1.2 Important tips for laptop use, please be sure to read

Laptops are high-tech precision products, please be sure to carefully read the following use tips.

1. LCD display screen maintenance:

- Don't put anything heavy on the laptop.

- When using a suitcase or backpack, make sure that you don't have too much in your bag and that you don't put extra pressure on your laptop bag and LCD back.

- Do not grab, twist, or hit the surface of the LCD screen.

- Does not place the LCD screen in a temperature above 40 degrees Celsius or above 90% humidity.

- 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: pencil, file, etc.

This will damage or scratch the LCD screen. Do not wipe the LCD screen with a corrosive cleaner, which can damage the screen.

2. To prevent the laptop from overheating, please make sure not to block the heat dissipation vents during the laptop work.

3. Do not remove the media when the system is accessing the soft drive, optical drive, mobile storage, and other media, otherwise it may cause a system crash or data damage.

4. Do not remove the casing while the system is working, which can lead to data loss or damage. Formatting the hard drive will delete all data on the hard drive. Please back up in advance. Important data must be backed up in other storage media, and the company is not responsible for such data loss.

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 ready to use the laptop

for a long time, please unplug the power supply to avoid system damage caused by transient voltage overload. The power supply in the place shall be stable and undisturbed.If you do not know the local appliance specifications, please consult with your dealer or local company.Based on safety considerations, the grounding wire of the power plug should not be destroyed arbitrarily.When unplugging the power supply, avoid pulling the wire directly, be sure to pull from the plug.Before cleaning the laptop, always unplug and remove the battery from the power plug.Do not disassemble the power adapter.

6. Do not use a power adapter not brought with the laptop, which will cause damage to the laptop.

7. Please do not take or leave the laptop with one hand or make your laptop unbalanced.

8. This product can only be disassembled and assembled by XXX authorized service personnel. Please make sure that the seal is complete, otherwise it may affect your warranty or "three guarantees" service.

9. If you set the password, please do not forget, otherwise it may lead to not boot.Please contact the supplier or authorized repair station, but this may damage all your data.

1.3 Matters needing attention

Applicable group

[Notice]

Use a laptop, should have a certain laptop basic common sense.Meanwhile, laptops are not suitable for children to operate alone.Adult care must be provided, if required.

Work environment

[Danger]

In order to avoid accidental failure, the laptop should work within the limits of the environment:

Content	Applicable scope	Remark
Storage and transportation temperature	-20° C to 55° C	
Relative humidity of storage and transportation	20% -93% (40° C)	
Atmospheric pressure	86 kPa-106 kPa	
Power adaptation capacity	100V-240V, 50Hz ± 1Hz	
Working humidity	35% -80%	
Operating temperature	10° C-35° C	

[Warning]

To avoid the laptop from being affected by the environment (wet, dust, food, liquid, direct exposure to sunlight, etc.), it should be placed in a ventilated, dry place.

To avoid magnetic interference and damage, stay away from other appliances (e. g. TV, air conditioning, etc.).

Do not splash the liquid or other debris into the laptop, or it may cause a short circuit to its internal components and then cause an electric shock or fire.

[Notice]

If the laptop is powered on when the low temperature condition is not restored, it may cause irreparable failure to the laptop, so please make sure that the laptop can recover for more than 2 hours at room temperature (above 10 degrees Celsius) before use.

Before use

[Warning]

After the laptop is stored and transported in an environment of less than 10 ° C, please keep it at room temperature 10 ° C-35 ° C for more than 2 hours before use, so as to avoid power-on damage caused by too low temperature. During this period, do not remove the packaging, let the laptop naturally restore the temperature, to avoid heating up too quickly and power-up damage.

[Notice]

Before use, it is also necessary to confirm that the laptop connection, power use and other matters meet the requirements of the instructions.

Moving, transportation and storage

[Notice]

When moving the laptop, be careful to handle it gently.

Transportation shall be placed in the original packing box, stacked according to the packing, storage and transportation diagram signs, and use closed cartons for handling.

During storage, packaging materials should be safely stored out of the reach of children to avoid unsafe situations.

According to the relevant explanation in the national standard (GB/T9813-2000) and **General Specification for Micro-computers**, after the laptop temperature is lower than 10 ° C (hours), please keep it at room temperature (10-35 degrees Celsius) for more than 2 hours before use to avoid damage caused by power-up due to the laptop temperature is too low.

During this period, please do not remove the packaging, let the laptop naturally restore the temperature, to avoid the laptop frosting and condensation caused by too fast, and the occurrence of power-on damage.

Battery

[Notice]

Incorrect replacement of the lithium battery of a laptop may cause explosion hazard. Be sure to install and replace the lithium battery under the guidance of professional maintenance personnel; only similar or equivalent types of replacement battery products recommended by the manufacturer are allowed. Improper disposal of batteries will cause serious environmental pollution. Please be sure to properly dispose of the used batteries or return the discarded batteries to the after-sales maintenance department of XXX to avoid environmental pollution.

1.4 Laptop battery instructions, please be sure to read

Please follow the following rules to use your battery.

The new battery:

The new battery needs to be exhausted after it has been used before it can be recharged.

Battery life:

There is a built-in meter in the battery, which can calculate the battery power.

Battery meter:

There is a built-in meter in the battery, which can calculate the battery power. The battery meter relies on the [memory] of the battery to determine the extent to which it stops charging and discharging. But if you often do [incomplete] charging or [incomplete] discharge, the [memory] of the battery will be disordered.

To improve the accuracy of the battery meter, you must fully discharge and recharge the battery at least once every 30 days or after 20 [incomplete] discharges.

Due to the characteristics of the battery itself, the battery will gradually decrease in the course of use, and the service time will be shortened. It is a normal phenomenon that the battery may not be fully charged to 100% during the battery warranty period, but does not affect normal use.

Save battery power:**A Advanced Power Management:**

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

B Brightness of LCD:

LCD monitors consume a lot of power, so power savings by turning brightness down.

C Software and Peripherals:

For different software and peripherals, power is consumed, even if they are not programs or devices in use. To save on battery energy, we would recommend the following:

- Close these programs once if they do not use a wireless network card or other communication programs.

- Remove the unused PC card from the laptop slot.

Because even in pause mode, the PC, the card quickly consumes the power of the battery.

- Remove the unwanted peripherals from the laptop socket.

Q&A:**How to discharge the battery completely?**

Let the laptop work on battery power until the laptop shuts down automatically because the power is too low. Even if you see a message that the power is too low on the laptop screen or hear a beep warning that the power is too low, you should never turn off the laptop yourself. Keep the laptop on until it runs out of battery power and shuts down automatically.

How to fully charge?

When charging the battery, it is generally necessary to wait until the battery indicator on the laptop shows that it has been charged before it is full. for details, please refer to the power status indicator in this manual.

How to maintain the battery?

Complete discharge and charging should be done at least every 30 days or after every 20 incomplete discharges.

Pay special attention to:

This battery can only be used in this laptop.

There may be a risk of explosion if you change the inappropriate type of battery. It can only be replaced with the same type of original battery or the same grade battery recommended by the original factory.

Do not disassemble the battery.

Do not expose the battery to flame or water.

To prevent fire, combustion or damage to the battery, do not let the poles of the battery touch metal objects.

Please be very careful when dealing with damaged or leaking batteries. If you accidentally touch the battery liquid, please rinse with soap and water as soon as possible. If you come into contact with your eyes, rinse your eyes with water for 15 minutes and go to the hospital for treatment as soon as possible.

Do not charge if the ambient temperature is high.

Do not expose the battery to high temperature during storage.

Power source.

[Danger]

You need to use qualified three-core grounding power plugs and sockets, the power plug should eventually be plugged into a well-grounded power supply, good grounding is an important guarantee for the normal operation of your laptop. If you replace the standard power cord without authorization, it may have serious consequences, and the maximum length of the power cord should not exceed 4.5 meters.

Before you use the power supply, you should follow the instructions of the power plugs and sockets to make sure that the power supply meets the requirements of the laptop. Qualified power supply and good grounding is an important guarantee for the normal operation of the laptop. Otherwise, there may be serious consequences.

[Danger]

During a thunderstorm, the use of products may cause damage to your laptop and even your personal and other property safety. Therefore, in thunderstorm weather, do not use laptops, and disconnect telephone lines, network cables, power lines and other conductors that may be connected to the outside world. Don't plug or unplug these cables when it thunders.

[Warning].

Do not try to plug the 110V power cord into the 220V power supply, and do not change the voltage selector switch of the machine power supply. Any changes may cause personal injury or damage to the equipment.

[Notice].

Carefully check the AC power cord supplied with it. If there is a problem, please contact the relevant seller.

The power cord for laptop must comply with the following safety specifications:

- **Comply with CCC certification.**
- **The power plug should eventually be plugged into a well-grounded power supply.**
- **Power plugs must comply with GB 1002-1996, GB2099.1-1996.**

Ergonomics.

[Reminder].

When working or playing on the laptop, please adjust your environment and arrange your laptop equipment to keep your body in a comfortable and 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 working face and the chair to make it show a comfortable and natural posture.

2.Promote a comfortable leg posture:

Clear the objects under the table to make the position and movement of the legs more comfortable.

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

3. Reduce neck bending and torsion:

Put the LCD display in the middle of your front. If you view the document more frequently than the display, consider placing the document directly in front of you, and the display slightly to the side.

Consider using a document shelf and putting the document close to the eye level.

Place the top of the screen close to the eye level. Astigmatism patients may need to lower the screen or discuss with qualified health experts about glasses suitable for laptop work.

4. Reduce eye fatigue.

Place the display screen at a long distance from the arm and sit comfortably in front of the display screen

Avoid glare. The display screen should be placed away from the light source that produces glare, or use curtains to control the 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 screen to a state where you feel comfortable.

When operating the keyboard and trackpad, please gently touch the keys, keep your hands and fingers relaxed, and tap the keyboard with less effort.

When you click on the trackpad or use a joystick or other game controller, use less effort to touch the key.

Avoid resting your palms or wrists on a large-angle surface when typing and, if necessary, rest your palms between typing breaks.

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

Adjust your chair so that the seat does not squeeze the back of the knee.

1.5 Safety Notes

1. The power outlet should be installed near the equipment or where it can be easily operated. When unplugging the power cord, avoid pulling the wire directly. Be sure to pull it out from the plug to ensure safety and beware of electric shock. Do not disassemble the power adapter.

2. Please do not put this product near the water.

3. Please place this product on a stable support during installation. This product may fall due to unstable placement, causing serious damage.

4. Please do not put the wire of this product in the place where people come and go, so as not to trample on the application line. Please do not put anything on the wire.

5. Follow all warnings and signs on the product.

6. If you do not plan to use this product for a long time, unplug the power supply to avoid damage caused by temporary overvoltage.

7. Do not spill any liquid on this product, this action may cause the danger of fire or electric shock.

8. If you have the following circumstances, please refer to qualified professionals for service:

a. When the power cord or plug is damaged or worn.

b. Liquid is spilled on this product.

c. This product has been drenched or sprinkled with water.

d. When you have followed the instructions of the operation, but this product still does not work properly.

e. If the product has been dropped or the shell has been damaged.

f. If this product has shown obvious damage.

9. Please refer to Appendix A for the use and storage temperature of this product. If it is not used and stored within the specified temperature range, it may cause permanent damage to the product.

10. Do not use power adapters near water or other liquids. Do not spill liquid on the power adapter.

Notice: all the pictures in this manual are schematic drawings for reference only, the specific object shall prevail.

2 Product overview

2.1 Introduction

Using the latest mobile computing technology in INTEL ®.

System expansibility.

The system allows memory and hard disk capacity upgrade and replacement, in the capacity expansion of the replacement, please consult the local dealer or go to the designated maintenance department for operation.

Clear liquid crystal display screen.

The laptop has a LED-backlit LCD screen that brings you clear and bright color text and pictures.

Communication characteristics.

The laptop has a built-in 802.11ABG wireless solution for the local area network.

2.2 Part introduction

1. The L C D display panel

Data and graphics from the laptop will appear on this screen.

2. Power button

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

3. Keyboard

The keyboard can be used to enter the data.

4. Touch board

The touchpad is a built-in pointer device that functions similar to a mouse.

5. Right mouse button.

6. Left mouse button.

7. The R e s e t reset button

Use this key to force off the system when the system cannot be turned off.

8. Camera

Video input device for the laptop.

9. laptop lock

Play the role of anti-theft.

10. Fan grid

A fan is a place where hot air spreads. Please do not completely block this air outlet.

11.USB port

Used to connect USB devices.

12. Card reader slot.

SD/MS/MC/ card reader.

13. DC-IN socket

Connect the power adapter.

14.VGA port

Used to connect an external monitor.

15. Microphone interface

It's used to plug in a microphone.

16. Headphone interface

It's used to plug in headphones.

17. Battery pack

The laptop can be supplied with power when it is not connected to the external power supply.

18. Lower cover

There are memory, hard disk, and other devices in the lower cover.

19. Two-channel loudspeaker

The built-in loudspeaker can output sound in stereo.

Special tips

Do not place anything between the LCD screen and the keyboard, such as, pencil, file, etc., which can damage or scratch the LCD screen. Do not wipe the LCD screen with a corrosive cleaner, which can damage the screen.

2.3 Unboxing and inspection

Carefully remove the package to remove the machine and other accessories and for damage and omissions, contact the dealer immediately. Please keep the original packaging materials for replacement needs.

Generally you will have the following components (see the packing list for details)

1. Laptop
2. Power adapter
3. Instructions
4. Warranty card
5. Battery (Installed in the laptop, there is a plug to block the contact of power supply, please remove the battery before use, remove the plug and install it again.)

3. Basic use of common sense

3.1 System status indicator lamp

LED	Indication content
Power indicator	Only the power indicator light is retained for this product, indicating that the motherboard is powered on.

3.2 Stop the laptop

When you finish your work, you can turn the laptop power off or get it into waiting or hibernation mode:

Stop mode	Method	The method of rebooting or using
Turn off the power directly	Please follow the shutdown procedure of the operating system. In this way, the loss of data or software damage can be avoided. In case the system crashes due to hardware or software problems, use the power button to shut down.	Use the power button
Standby	According to your settings in Windows, enter the standby state in the following ways: ●Close the top cover of the laptop. ●Use the power button	Use the power button
Hibernation	According to your settings in Windows, enter the hibernation state in the following ways: ●Close the top cover of the laptop. ●Use the power button	Use the power button

If you choose to stop the laptop in wait or hibernation, the next time you use the laptop, you will be able to return to the state before you stopped.

3.3 Keyboard function

Function (shortcut) key

Key button action	Function
Fn + Esc	Switches from working state to dormant or standby state
Fn + F1	Turns the wireless network card on / off
Fn + F2	Turns the touchpad on / off
Fn + F3	Volume decreases

Fn + F4	Volume increases
Fn + F5	Mute switch
Fn + F6	Backlight decreases
Fn + F7	Backlight was increased
Fn + F8	Turns the camera on / off
Fn + F9	Pause
Fn + F10	Insert
Fn + F11	PrtSc
Fn + F12	Numlk
Fn + Delete	Switch window

Built-in digital keypad

Press Fn+NumLock to start the internal key numeric keypad, the number is displayed in the upper right corner of the button, and the numeric keypad contains the keys to add, subtract, multiply and divide.

Press Fn+NumLock again and the original keyboard function will be restored.

3.4 Touch board

The built-in trackpad is a PS / 2 compatible positioning device that feels mobile surface. Just move on the surface of the trackpad with your finger, and the cursor will follow it.

3.5 Display screen

To make you comfortable, your laptop is with an LED LCD. It supports a high scoring rate and real color features. Bring you an extraordinary visual shock.

Extend the life of the display screen

Compliance with the following guidelines extends the life of the display screen.

1. Set the screen brightness to the lowest brightness for comfortable viewing.
2. When using it on the table, please attach an external display and turn off the laptop display screen.
3. Do not turn off the option of entering the pause mode in the power management.
4. If you use AC power and have no external display, switch to pause mode when unused.

[Notice] To extend your battery life, adjust the brightness to the minimum with comfortable viewing, so that the internal light source can use less power.

3.6 Net card

Turn the wireless network on or off

You already have a built-in wireless network card installed in your laptop. Please set up and join the wireless network according to the prompts of the operating system.(Consult your local wireless service provider) Your laptop takes time to connect wireless.

4. B I O S (basic input and output system) setting

In this chapter, we will teach you how to enter the BIOS setup program and set various hardware control options, and you will also learn how to use the built-in security settings.

[Setup Utility] is a hardware status program built into the BIOS (basic input and output system) of a laptop. It can perform and maintain many hardware functions. It is a kind of software that uses the mode of the menu to operate, allowing you to easily set and change the set value.

BIOS contains factory default values for laptops. However, you still have a chance to modify the default values in BIOS. You may need to start the BIOS setup program when there are hardware changes, such as upgrades, temporary conditions, or when you decide to customize the hardware settings to meet your specific needs.

4.1 methods of using BIOS Setup.

You must perform BIOS settings in the following situations:

The boot test found a problem, and a message appears on the screen asking you to perform the BIOS settings.

You want to restore the default value.

You need to change the settings for specific hardware.

You want to change the setting value to get the best system performance.

To perform the BIOS setting, press the Delete key when the laptop is turned on.

How to make a choice.

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

Use the keyboard to move and make choices. You can see the keyboard information at the bottom right of the screen.

4.2 MAIN (main setting)

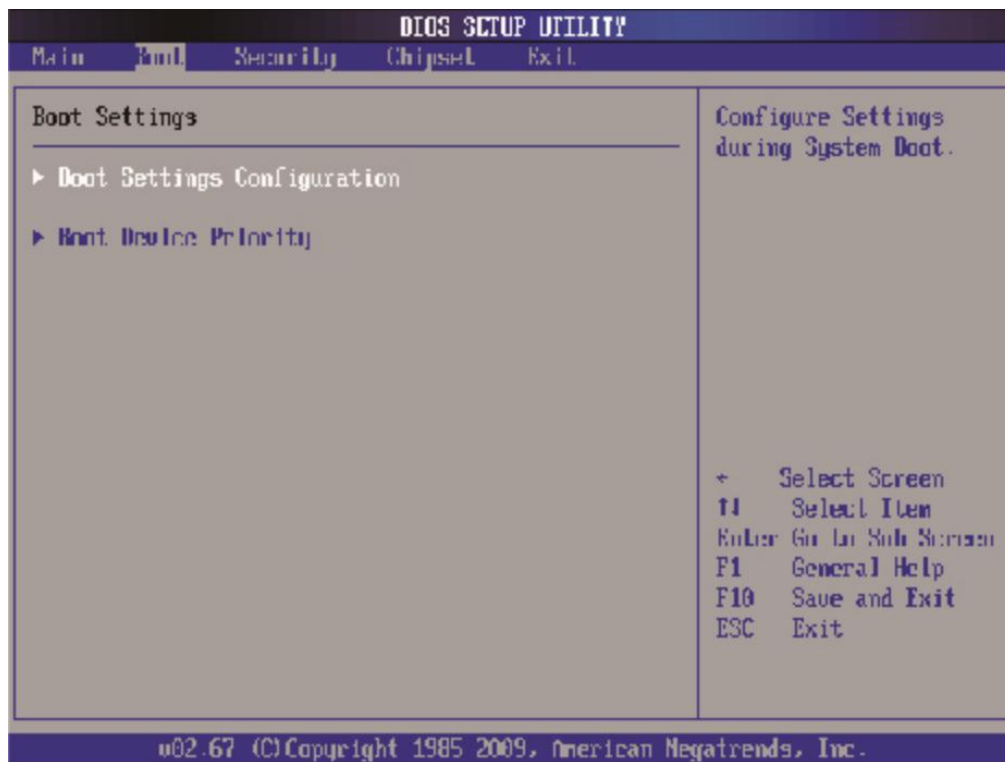
BIOS SETUP UTILITY				
Main	Boot	Security	Chipset	Exit
System Overview		Use [ENTER], [Tab] or [SHIFT-TAB] to select a field.		
AMIBIOS		Use [+/-] or [F1-F10] to configure system time.		
Bios Version: 100E				
Build Date : 2010.03.01				
Ec Version : E100D				
Build Date : 2010.02.24				
Processor				
Speed :255MHz				
Count :255				
System Memory		+ Select Screen		
Size :1015MB		F1 Select Item		
		+- Change Field		
		Tab Select Field		
		F1 General Help		
		F10 Save and Exit		
		ESC Exit		
System Time		[00:59:47]		
System Date		[Sun 01/24/2010]		
v02.67 (C) Copyright 1985-2009, American Megatrends, Inc.				

System Time

System Date

System Memory

4.3 Boot (startup screen and startup equipment sequence setting)



A、Boot

Setting Configuration: Start the option configuration. The submenu is as follows, which is usually set by default.

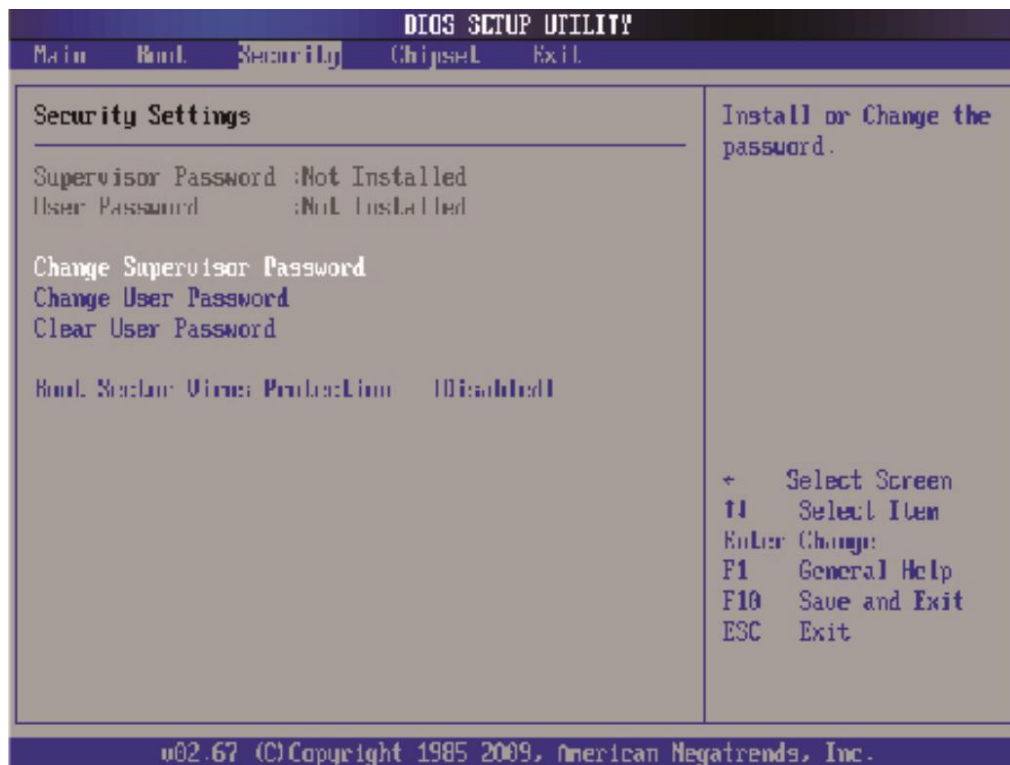
- Quick Boot
- Quiet Boot
- Add On ROM Display Mode
- Bootup Num-Lock
- PS/2 Mouse Support
- Wait For 'F1' If Error
- Hit 'DEL' Message Display
- Interrupt 19 Capture

B、Boot Device Priority: Start device settings. Its submenu is as follows:

- 1st Boot Device [SATA: PM-Hitachi HT]

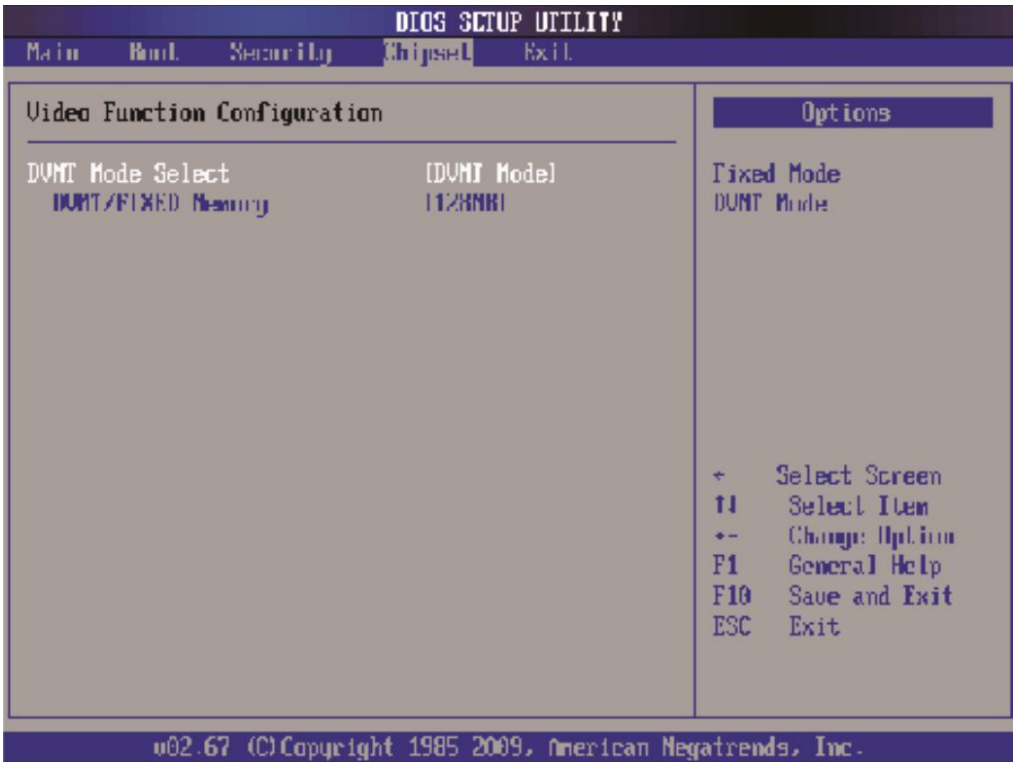
When there is no other boot devices, only the hard drive.

4.4 Security



- A、Change Supervisor Password
- B、Change User Password
- C、Clear User Password

4.5 Chipset

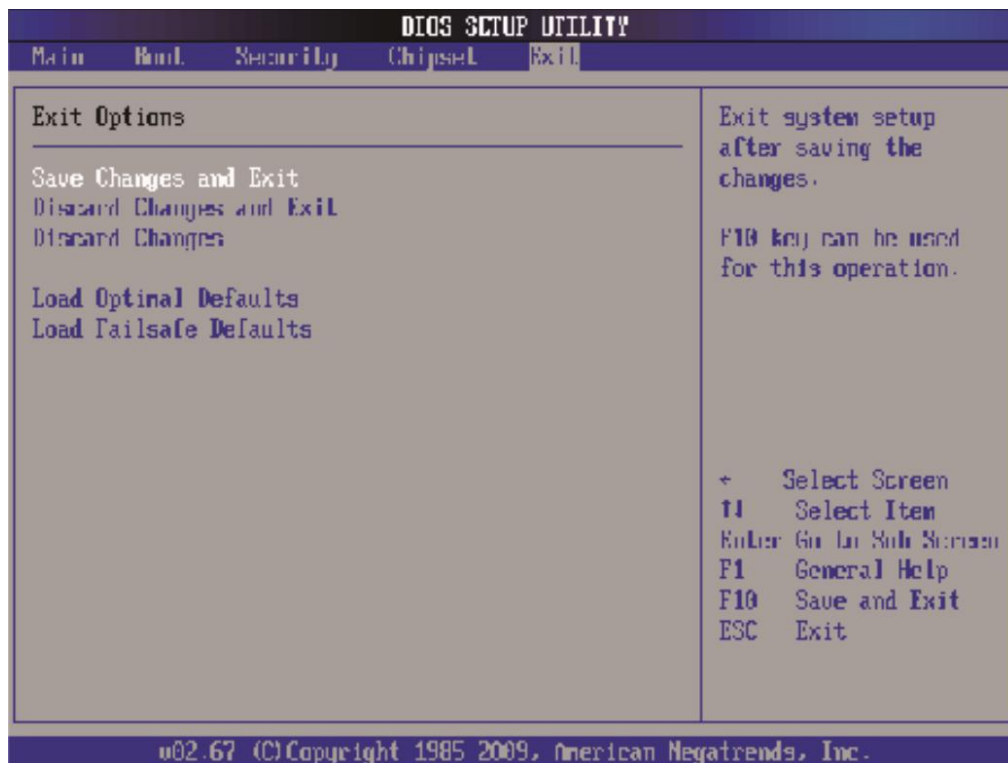


A、

DVMT Mode Select: Select "DVMT Mode" to set the video memory as a fixed or dynamic assignment, FIXED DVMT .

B、DVM / FIXED Memory: You can set the size of fixed allocation, with options: 128MB, 256MB, Maximum DVMT.

4.6 Exit



- A、Save Changes and Exit
- B、Discard Changes and Exit
- C、Discard Changes
- D、Load Optimal Defaults
- E、Load Failsafe Defaults

5. Instructions for driver installation and use

In this chapter, you will learn how to install drivers using the attached CD.

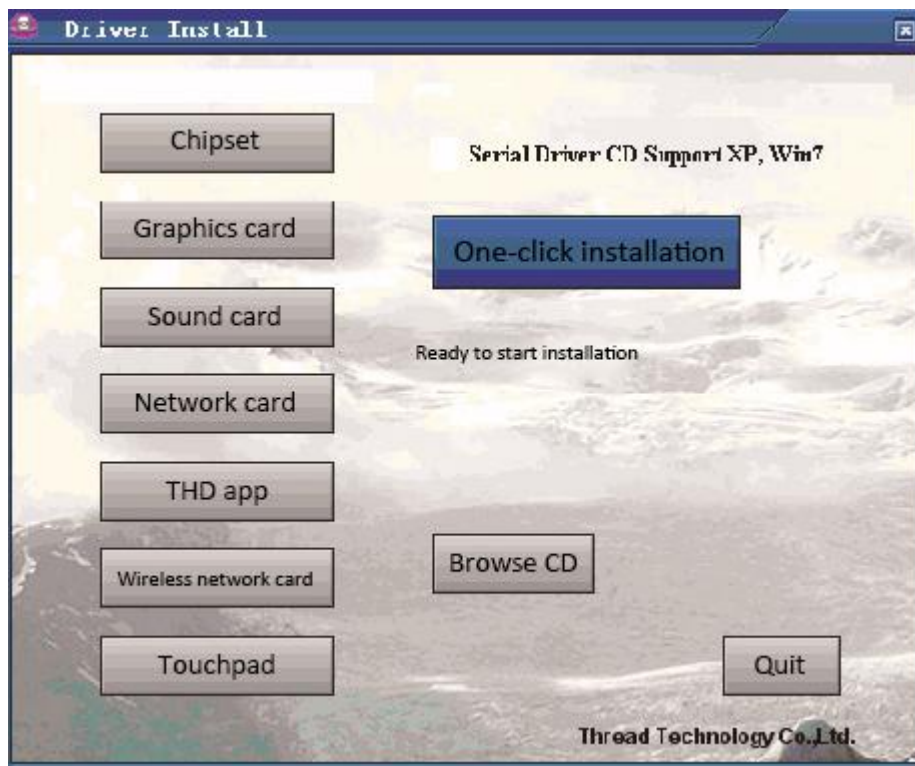
Your laptop is shipped with a driver CD. The CD contains the driver of the corresponding device.

This chapter will guide you through how to install these drivers.

5.1 to install the driver, please follow these steps.

This CD supports Windows XP and Win7.

Open the random CD (as shown below). If you need to install a single driver, click the corresponding option on the left side of the installation interface to install. If you need to install all the drivers, click one button to install the driver automatically.



6. Fault analysis and handling

In this chapter, you will learn how to solve general hardware and software problems.

Your laptop has been fully tested before shipment and meets the specifications of the system. However, incorrect operation or carelessness in the process of transportation will lead to problems.

This chapter will provide reference and identification information for general hardware and software problems that you may encounter.

When you encounter a problem, you can first try to follow the instructions in this chapter. If the error situation persists, please contact the dealer for service information.

6.1 Sound problem.

There's no sound.

- Double-click the speaker icon in the lower right corner of the taskbar to see if the speaker volume has been turned off.
- Please press Fn+F4 to increase the volume.
- Most sound problems are related to software. If the previous sound of your laptop is normal, the possible reason is that the software is not set up correctly.

Unable to record.

Double-click the speaker icon in the lower right corner of the task block to see if the microphone volume has been turned off.

1. Click [options] and select [Properties].
2. Select [record] and click the [OK] button.
3. After pressing the [OK] button, the recording volume console will pop up.

6.2 Problems with the hard drive

The hard drive is not working properly or unrecognized

- If you have just upgraded your hard disk, make sure that the hard disk interface is not loose and the hard disk is placed correctly. You can unplug the connector, reset it firmly, and then reboot it again.
- The new hard drive requires partition and reformatting. The operating system and the drivers will also need to be reinstalled.
- Please check the hard drive indicator light. Hard drive lights should flash intermittently when you access the files.
- The new hard drive may be broken.
- If your laptop has suffered static or impact you may have damaged your hard drive.

The execution speed of the hard drive is too slow

- If your hard disk has been used for a long time, too many and messy files can cause a lot of

disk fragmentation. Go to [Start> Programs> Accessories> System Tools> Disk Defragmenter] to perform disk consolidation. This job may take a little time.

- Your hard drive may have had a virus.

File damage.

- Please perform a surface scan of ScanDisk to check the disk. Double-click [my laptop], right-click C: select [Properties], and in the error check status in the "tools" tab, click "start check" to execute the disk scan program.

6.3 problems with the monitor.

When the laptop is turned on, the screen is black.

- Make sure the laptop is not in hibernation or wait mode. In these modes, the monitor is turned off to save energy.
- Please press the function key to increase the brightness of the screen.
- Press the function key to make sure the laptop is not in CRT-only output mode.

The screen is not easy to read.

- Please press the function key to increase the brightness of the screen.
- The resolution of the monitor should be set to 1366 to 768 to get the best display effect.
 1. Please go to [start > Settings > Control Panel] and double-click the [display] icon.
 2. On the Settings page, set the resolution to 1366 to 768.

Screen flashing

- It is normal to see the screen flicker several times when you turn it on or off.

Bad points on the screen.

Due to the limitations of the LCD manufacturing process, there are usually some image points on the LCD that can not normally display some colors (usually referred to as bad points), which is a normal phenomenon, please rest assured to use. Please refer to the Chinese national standard GB/T9813-2000 for details.

6.4 Memory issues

POST does not show increased memory capacity when you install more memory

- The memory stick may not be installed correctly.
- The memory stick is broken.
- Your system may not be compatible with some sticks of memory.

The operating system sent an error message that it was out of memory during the operation.

- This is usually a software or Windows related issue.
- Please close the application software that you are not using and restart it.
- Otherwise, you will have to install more sticks of memory.

Special statement

This laptop can support a variety of peripheral hardware, such as mouse, keyboard, printer, scanner. The randomly attached peripherals are guaranteed by our company to ensure the compatibility and reliability of its products. When using them, please use them correctly in accordance with the instructions attached to the products. If the consumer buys a third-party peripheral to connect with the laptop, please correctly connect the peripheral and the laptop in accordance with the instructions of the device, and install the appropriate driver under the operating system that supports the device. As there are many peripheral equipment manufacturers in the market, in order to ensure the interests of consumers, the company recommends consumers to buy well-known manufacturers, quality guaranteed products. If there is a compatibility problem between the third-party peripherals and the XXX laptop, please contact the third-party manufacturer.

For the software randomly given to this laptop (all randomly installed software is given away at random and provided free to users), the company guarantees the functionality and compatibility of the software. Please refer to the random user manual to use the software correctly. In addition, there are all kinds of software on the market, unless the software has special requirements, most legitimate software can run normally on this laptop. In order to ensure the interests of consumers, users are invited to buy legitimate software from regular channels. For the third-party software purchased and installed by the user, please follow the instructions attached to the software to operate correctly. If there is a compatibility problem between the third-party software and this laptop, please contact the third-party manufacturer.

It is recommended that before purchasing a third-party hardware product or software, you can find a third-party manufacturer or distributor before purchasing it after passing the test, so as to protect your rights and interests. The company does not guarantee that the customer will be returned or exchanged due to third-party hardware products or software problems. The company can provide technical support.

Production address: Phase 2, Dawang Industrial Zone, Xinxia Avenue, Pinghu Street, Longgang District, Shenzhen, China

Free service hotline: 400-8299-279

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

NOTE: 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.

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