

Tablet computer User's Manual

Tablet computer P103E
GX-I103E

Announcement

Dear users:

Thank you for purchasing and using our products. For the sake of your safety and interests, before using the products, please carefully read the product specifications as well as all the materials attached to the PC. If you don't operate and use the products according to the product specifications, we shall not assume any responsibility for any personal harmony, assets or other losses incurred.

The product specifications(here inafter referred to sa specifications):

- The proprietary of the specifications belongs to our company;
- The proprietary of trademark and trade name mentioned in the specifications belongs to their respective owners;
- If the content of specifications doesn't conform to that of the actual product, the actual product shall be binding.

If you have any misunderstanding or objection about any content or article & clause in the specifications, please put forward a written objection within 7days after purchasing the PC. Otherwise, it shall be deemed that you have agreed to, understood and accepted all the contents of the specifications.

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1.0 Special notice

1.1 Special hint

In order to facilitate understanding and arouse your attention, as for product safety or information needing special attention to, we will give you the hints in this chapter or the chapters that follows according to the following levels and special warning words. These special warning words are expressed as follows:

[Danger]---indicating cautions against high risks;

[Warning]---indicating cautions against medium risks;

[Note]---indicating that attention should be paid to light risks;

[Prohibition]---indicating that dangerous operation should be prohibited;

[Reminder]---indicating that attention should be paid to safety or other contents;

This chapter doesn't provide all the safety information. For the sake of your safety and interests, we put the safety information on parts of the products in the subsequent chapters as needed. No matter where these safety information are located, you should carefully read them.

Similarly, besides the special notices expressed with special warning words, you should give same attention to other contents and introduction in the specifications.

1.2 Please be sure to read the important hints for using Tablet computer

Tablet computers belong to high-tech and precision products. Please be sure to carefully read the following use hints.

1) Maintenance of LCD

- Don't put any heavy things on the Tablet computer.
- When using suitcase or backpack, please make sure that there aren't too much things inside and no additional pressure is put on the Tablet computer bag and the back part of LCD.
- Please don't scratch, twist or strike the screen surface of LCD.
- Don't place the screen of LCD in an environment where the temperature exceeds 40 Celsius degrees or the humidity exceeds 90%.
- Don't expose the screen of LCD to direct sunlight or strong fluorescence.
- Don't place any things on the LCD screen, such as pencil, documents and so on, which will destroy or scratch LCD screen. Please don't use corrosive detergent to wipe LCD screen, which will destroy screen.

2) In order to prevent computer from getting overheated, please make sure not to block heat disperse ventilation vents in the computer operation.

3) When the computer system is accessing floppy drive, CD-ROM, mobile storage and other mediums, please don't remove the mediums. Otherwise, it will lead to the system breakdown or data destruction.

4) Please don't open the computer shell when the system is running because this will lead to data loss or destruction. The formatting of HD can delete all the data in HD. Please back up the data in advance. As for important data, please make sure that they have been timely backed up in other storage mediums. The company shall not assume any responsibility for the data losses incurred.

5) The safe use of power

- In order to guarantee the safety of yourself and computer, please make sure that the power has been

corrected grounded when using the external power supply.

- The power supply should be stable and be free from interference. When you are not clear about the local specifications on electric appliance, please consult your distributors or your local power company.
 - For the sake of safety, please don't damage the grounding line of power socket.
 - When plugging off the power, you should avoid pulling off the electric wire directly by pulling.
 - Please make sure to pull from the root of socket so as to guarantee safety.
 - Please don't disconnect the power adaptor.
 - Please don't use the power adaptor not attached to the Tablet computer because this will damage the computer.
- 6) Please don't take or place the Tablet computer with one hand or put your Tablet computer in an unbalanced state.
- 7) This product can only be disassembled by authorized service staff of agent company. Please make sure to keep the sealing strip intact. Otherwise, the warranty or three guarantees service may be influenced.
- 8) If you have set up a password, please keep it in mind. Otherwise, your computer can not be started. If you have forgotten the password, please contact the supplier or authorized maintenance station. However, this may destroy all of your data.

1.3 Special notice

1) Applicable group

[Note] You should master a certain basic common language on computer in order to operate the computer. Meanwhile, the computer is not suitable for independent operation by children. If necessary, children must be accompanied by adults.

2) Working environment

[Danger] In order to prevent accidental failure, the computer should run within the following defined environmental scope:

Content	Scope of application	Remarks
Temperature of storage and transportation	-20℃-50℃	
Relative humidity of storage and transportation	20% - 93% (40℃)	
Atmospheric pressure	86kPa – 106kPa	
Adaptation capability of power	100V~240V, 50Hz~60Hz	
Working humidity	35% - 80%	
Working temperature	10℃ - 35℃	

[Warning] In order to prevent the computer from being harmed by the environment (dampness, dust, food, liquid, direct exposure to sunlight etc), the computer should be placed in a dry place with good ventilation.

In order to prevent the computer from being disturbed and damaged by the magnetic field, please keep it away from other household electric appliances (such as Television set, air conditioner etc).

Please don't splash liquid or other impurities into the computer. Otherwise, it may lead to short-circuiting of its internal components, which will further give rise to electric shock or fire accidents.

[Note] If the computer is switched on and started when the low temperature condition hasn't been resumed, it may lead to unrepairable faults on the computer. Therefore, before using the computer, please firstly make sure that the computer is resumed for over 2 hours under the room temperature (above 10 Celsius degrees).

Before being used

[Warning] After the computer is stored and transported under the environment of lower than 10°C, the computer should be placed for over 2 hours under the room temperature condition of 10°C - 35°C before being used in order to prevent the computer temperature from getting excessively low, which thus give rise to electrified damages. Please don't disassemble the package during the period. Let the computer resume its temperature naturally and avoid the temperature increasing excessively quickly, which thus leads to electrified damages.

[Note] Before using the computer, please make sure that the computer connection, power use and other affairs conform to the requirements in the specifications.

Removal, transportation and storage

[Note] When moving the computer, special care should be taken.

The computer should be placed in the original packing box in case of transportation. You should pile and place the packing box according to the symbol and indication of packing & transportation diagram. You should also use closed cases in case of removal.

[Note]In case of storage, the packing materials should be placed beyond children's reach in order to prevent the occurrence of unsafe conditions.

[Note]According to the relevant interpretation of GB/T9813-2000 General Specifications of Micro-computer, after the computer is stored and transported under the environment of lower than 10°C, before using the computer, please place the computer for over 2 hours under the room temperature condition of 10-35 Celsius degrees in order to avoid electrified damages due to excessively low computer temperature. Please don't disassemble the package during the period. Let the computer resume its temperature naturally and avoid the temperature increasing excessively quickly, which thus leads to electrified damages due to computer frosting and dewing.

Battery

[Note] To replace the lithium battery of computer incorrectly may give rise to explosion risks. Please make sure that the replacement and installation of lithium battery be done by professional maintenance staff. Only battery products of same or equivalent types recommended by manufacturers can be used for replacement. The proper discarding of battery will lead to serious environmental pollution. Please dispose of the consumed battery in a proper way or return the waste & used battery to the post-sales & maintenance department for treatment so as to avoid environmental pollution.

1) 1.4Please be sure to read the instructions on the Power of Tablet computer

2) Power

[Danger]

You need to use quality three-core grounding power plug and socket with grounding protection. The power socket should be finally inserted into power with sound grounding. A sound grounding is an important guarantee for the normal running of your computer. If you replace standard power lines without authorization, it may lead to serious results. Meanwhile, the maximum length of power lines shouldn't exceed 4.5 meters.

Before using the power, you should confirm that the power conforms to the requirements of computer use according to the specifications of power plug and socket. Quality power and excellent grounding are important guarantee for the normal running of the computer.

Otherwise, it may lead to serious results.

[Danger]

During the thunderstorm period, the use of products may harm the safety of your body and other assets. Therefore, during the weather of thunderstorm, please avoid using the computer, disconnect the telephone line, network line, power line and other conducts which are connected with outside. In case of thunder, please don't

insert and pull these lines & cables.

[Warning]

You should try not to change the voltage selector switch of the computer power. Any change may lead to personal body harm or damage of equipment.

[Note]

Carefully examine the AC power line attached when purchasing the computer. In case of any problems, please contact relevant dealer.

The power line used for microcomputer must conform to the following safety regulations:

- Conformity to CCC certification
- The power socket should be finally inserted into the power line with excellent grounding
- The power socket must conform to GB15934-2008

1.5 Instructions on safety

- 1) The power socket hole should be installed near the equipment or places easy for operation. When inserting and pulling the power line, avoid directly pulling out the power line by pulling and dragging. Please be sure to pull from the root of plug so as to guarantee the safety and caution against electric shock. Please don't disassemble the power adaptor.
- 2) Not to place the product in places with easy access to water.
- 3) In case of installation, please place the product on a stable supporting foundation. This product may fall off due to un-stable placement, which leads to serious damages.
- 4) Not to place the products in places where there are frequent flow of people so as to avoid trampling the electric wire. Please make sure that no articles are placed on the electric wire.
- 5) Follow all the warning information and indication on the products.
- 6) If you don't plan to use the product for a long period, please pull off the power socket so as to avoid excessive transient voltage, which can cause damages.
- 7) Please don't splash any liquid on the product. This action may lead to risks of fire accidents or electric shock.
- 8) In case of the following conditions, it should be serviced by professionals:
 - The power line or socket has been destroyed or torn off.
 - The liquid is splashed to the product.
 - The product is drenched by raining or splashed by water.
 - When you follow the instructions on operation, the product is still unable to run normally.
 - If the product once fell off or its shell has been destroyed.
 - If the product has apparent damages.
- 9) For the usage and storage temperature of this product, please refer to the product specification in annex A. If the product is not used and stored within the defined temperature scope, it may lead to permanent damages on the product.
- 10) Please don't use the power adaptor where it's near to water or other liquids. Please don't splash liquid to the power adaptor.

Note:

All the photos & diagrams in this manual are schematic diagrams and can only be used for reference. The actual use should be based on the object.

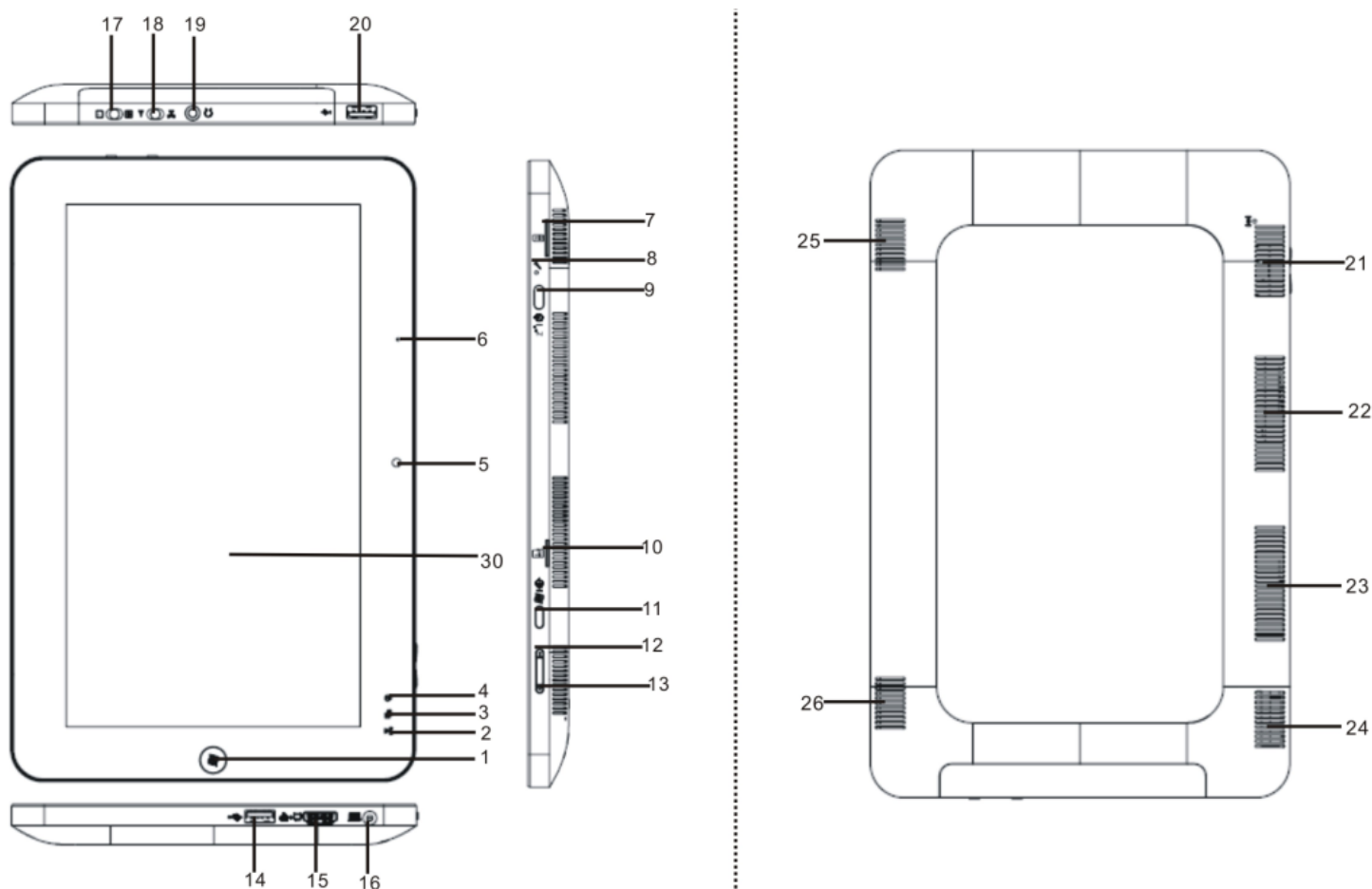
2.0 Product overview

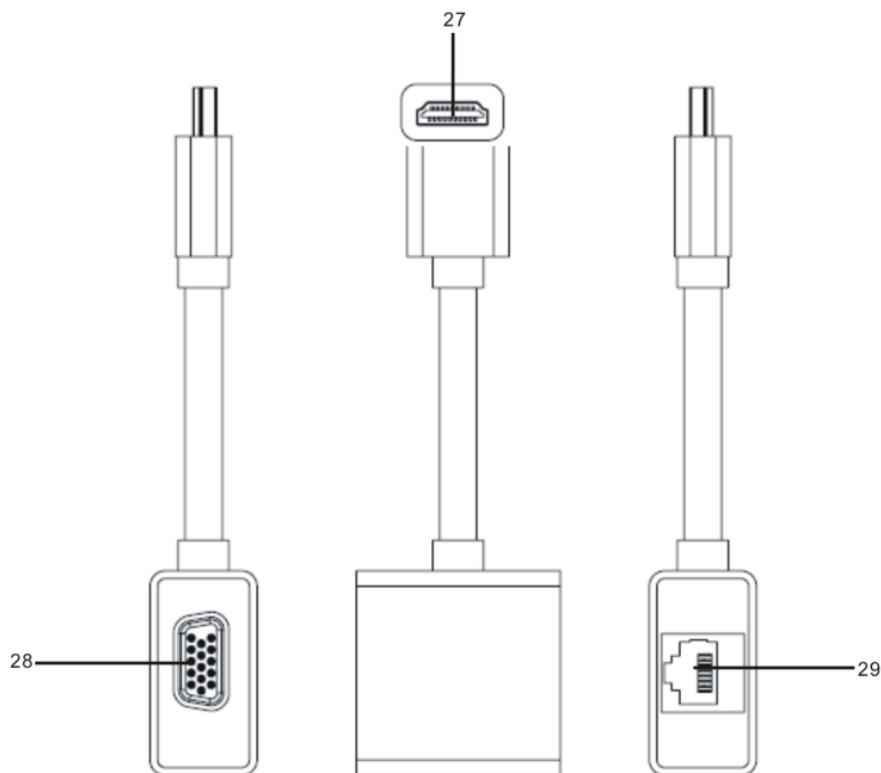
2.1 Introduction

- Product name: Tablet computer P103E
- Series and type: GX-I103E
- Characteristics of product performance: The Tablet computer adopts the latest mobile computation technology of Intel and has a better performance.
- The system allows the upgrading and substitute of EMS memory and HD capacity. When replacing substitute products for capacity expansion, please consult your local distributor or go to designated maintenance department for operation.
- Clear LCD: The Tablet computer has a backlight LED, which brings you clear and bright colorful words and images.
- The feature of communication: This Tablet computer is equipped with a built-in 802.11 BG wireless solution for LAN.

2.2 Introduction to parts & components

(Note: The following images are schematic diagrams and the real objects shall be binding)





NO.	NAME	NO.	NAME	NO.	NAME
1	window button	11	Enter + Screen rotation key	21	Right outlet
2	wifi indicator	12	Volume Mode	22	Right outlet
3	Charge indicator	13	Backlight mode	23	Left outlet
4	Power indicator	14	USB port	24	Left outlet
5	Camera	15	Expansion switch interfaces	25	Right speaker
6	Photographic Sensor	16	DC IN	26	left speaker
7	SIM socket	17	Wifi switch	27	Extension cable Interface
8	Internal microphone	18	USB WIFI switch(optional)	28	VGA Interface
9	Power button	19	Headphone jack	29	LAN Interface
10	Mini SD socket	20	USB port	30	Display

【Danger】:

The Extended interface only with the VGA / LAN extension cable pair, prohibit the use of other external devices, so as not to burn your Tablet computer.

2.3 Unpacking and inspection




Please carefully remove the package and take out the computer and other accessories. If any loss and missing are found, please immediately contact distributors .Please store the original packing materials for replacing goods

Generally, you will have the following parts& components

1. Tablet computer
2. Power adaptor
3. VGA/LAN Extension cable
4. User's manual
5. Disk on driver program
6. Warranty card
7. Quality certificate
- 8 Authentic WIN 7 Disk
- 9 Plastic Keyboard

3. 0 Basic common knowledge on computer operation

3.1 Indicator lamp for the system status



LED icon & symbol	Indicating contents
	The blue light indicates that system is in running status.
	The flashing red light indicates that the battery is being charged; The blue light indicates that the battery has fully charged.
	The blue light indicates that the wireless network card is currently using








3. 2 Stop the computer

When you finish your work, you can shut off the computer power or let the computer enter the mode of standby of hibernation.

Mode of stopping	method	Method on re-starting or usage
Directly shut off the power	Please follow the program for shutting the operating system.. By doing so, you can avoid the losses of data or damages of software. If the system is halted due to the problems on hardware or software , you can use the power button to shut off the computer.	Using the power button
Standby	According to your setup of Windows, Use the power button will be enter the standby status .	Using the power button
Hibernation	According to your setup of Windows, Use the power button will be enter the hibernation status.	Using the power button

3. 3 Function of keyboard

Lcon	Operate Guide	Function
	Press and hold the window key for a 2 secondss	Open the program menu bar
	Press and hold the window key for a few seconds	Computer can have multiple windows open frame switching
	★Window key into the system before (DOS mode), expressed as a carriage return function keys	
	Hold down power button	Open the computer, into the system
	Hold down power button	Exit the system, shut down your computer
	Click the power button	Automatically enters sleep mode

	Press the backlight mode key, and then pairs up and down keys to adjust of the "-", "+"	Decreasing the brightness of LCD
		Increasing the brightness of LCD
	Press the Volume mode key, and then pairs up and down keys to adjust of the "-", "+"	Decreasing the sound of speaker
		Increasing the sound of speaker
	Volume/backlight mode (- +) keys to enter the system before (DOS mode), expressed as the direction of the up /down	
	Press twice continuously the Screen rotation / lock key	Open or lock the screen rotation function
	Press once the screen rotation/lock key	Open the program menu bar


3.4 Operation and use of the virtual Onscreen keyboard

The onscreen keyboard appears automatically anytime you need to type. Use the keyboard to enter text, such as contact information, email, and web addresses. You can also use of other external USB port Keyboard to type. When you use an external keyboard, the onscreen keyboard doesn't appear.

Open the onscreen keyboard

- ✓ Click an empty space on the desktop, the screen top left corner of the virtual keyboard will pop up
- ✓ Document editing mode, click on the screen in the input area, you can call up the virtual keyboard

Hide the onscreen keyboard

- ✓ Tap the Keyboard  key to hide the onscreen keyboard.

3.5 Display screen

In order for the comfort of your eyes, your Tablet computer is equipped with LED LCD, which supports high resolution and real color function. It brings marvelous visual excitement.

To prolong the lifespan of lifespan of display screen.

To obey the following rules can prolong the lifespan of display screen.

- To adjust the brightness of screen into the minimum brightness, which is comfortable to you eyes.
- When using it on the table, please connect an external monitor and shut off the display screen of the Tablet computer.
- Don't close the option of entering the pause mode in shutting off the power management.
- If the AC power is used and there is no external monitor, please don't switch to the pause mode when not using it

[note]

In order to prolong the battery lifespan, adjust the brightness to the minimum degree under the precondition of comfortable visual enjoyment. In this way, the internal light source can use less power.

3.6 Network card

The Tablet computer is equipped with a built-in Ethernet network card conforming to 10/100Base-TX standard. Insert one end of the LAN line into Extension LAN interface of your computer. Then you can realize the data transfer through the internet.

Open or close wireless network

You computer is equipped with a built-in wireless network card. Please follow the hint of the operating system for setup and access of the wireless network. It will take some time for your computer to connect the wireless network. Please consult the local service provider of wireless network.

4.0 Setup of BIOS (basic input & output system)

In this chapter, we will teach you how to enter the BIOS setup program as well as the setup of control options for all kinds of hardware. You will also learn how to use the setup of the built-in protection.

The setup of common program is a hardware status program built in the BIOS of the Tablet computer. It can execute and maintain many hardware functions. It's a software enabling operation with the menu mode and allowing the easy setup and change of set value.

BIOS contains with the ex-works pre-set values of Tablet computer. However, you still have a lot of opportunity to modify the pre-set values in BIOS. When the hardware is altered, such as upgrading , in case of temporary conditions, or when you decide to self-determine the set value of hardware so as to meet the special needs, it may be necessary for you to start the BIOS setup program.

BIOS can restrict the access by uses by setting up passwords. This is important function because the Tablet computer usually keeps a lot of materials and the unauthorized access can be prevented.

4.1 Method on use of BIOS setup

The cases where you must execute the BIOS setup:

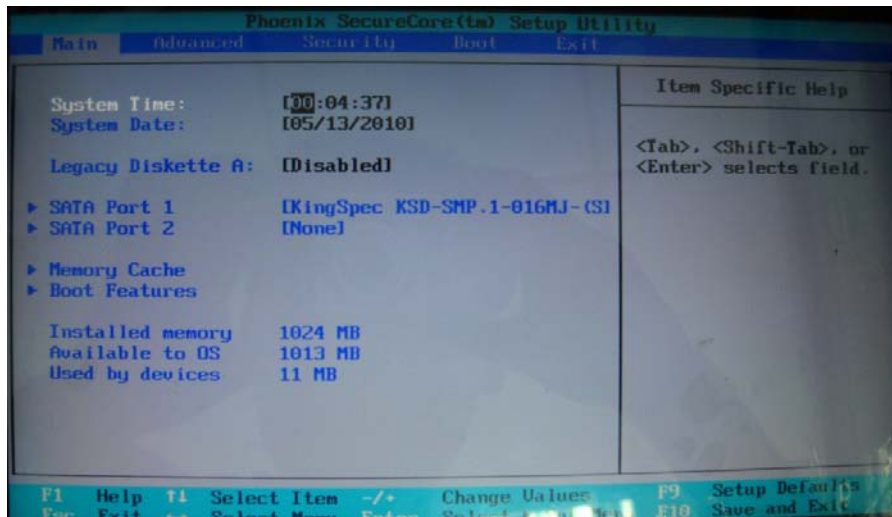
- In case of any problem founding in the booting test, some information will appear on the screen, requiring you to execute the BIOS setup.
- You need to resume the default value.
- You need to change the setup value according to the specific hardware.
- You need to change the setup value in order to acquire the optimum system
- Performance
- If you plan to execute the BIOS setup, press the F2 key when starting the computer

How to select

For one option, you only complete the setup through two-level options. The majority of these options must pass three-level options: menu title, drop-down menu and sub-menu..

To move and select through keyboard. You can see the information on keyboard at the right lower corner of the screen.

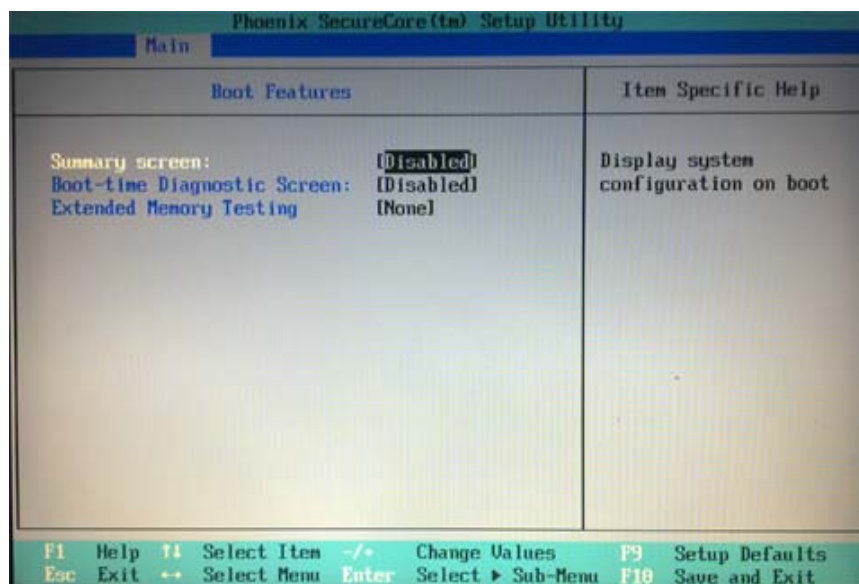
4.2 Main (main setup)



System Time: setup of the system time

System Date: setup of the system data

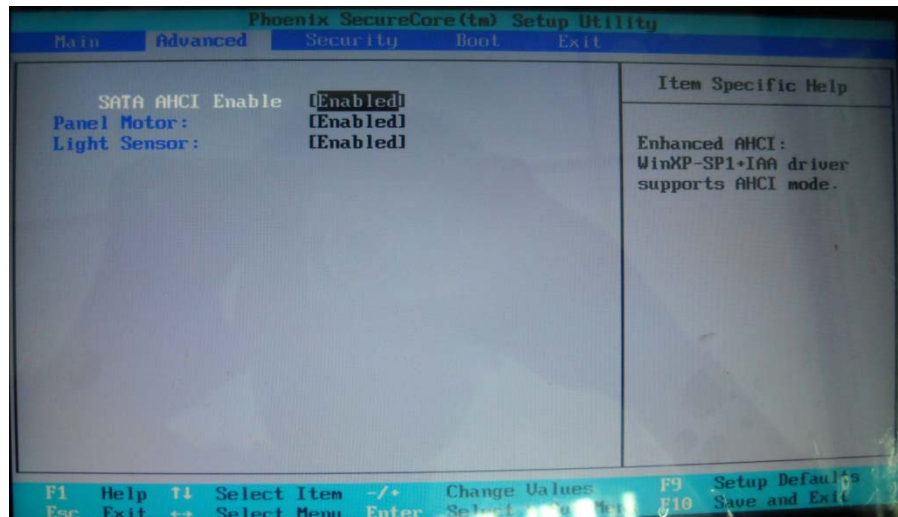
4.3 Main---Boot Features



Summary screen: System hardware configuration display

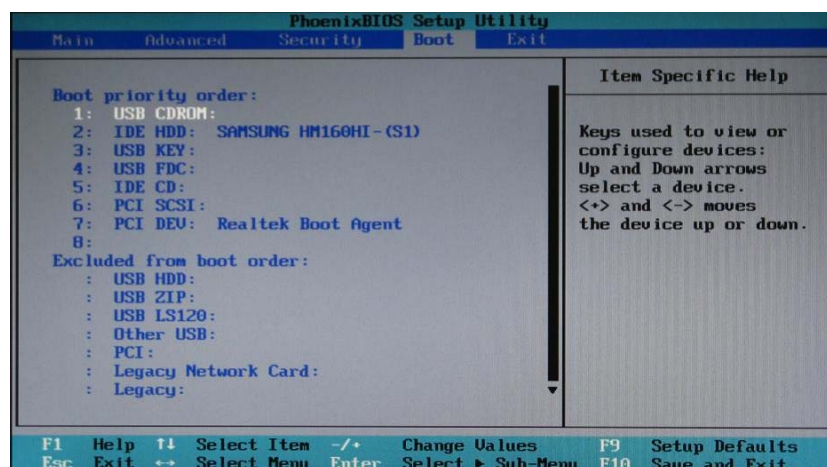
Boot-time Diagnostic Screen: Power On Self Test display

4. 4 Advanced



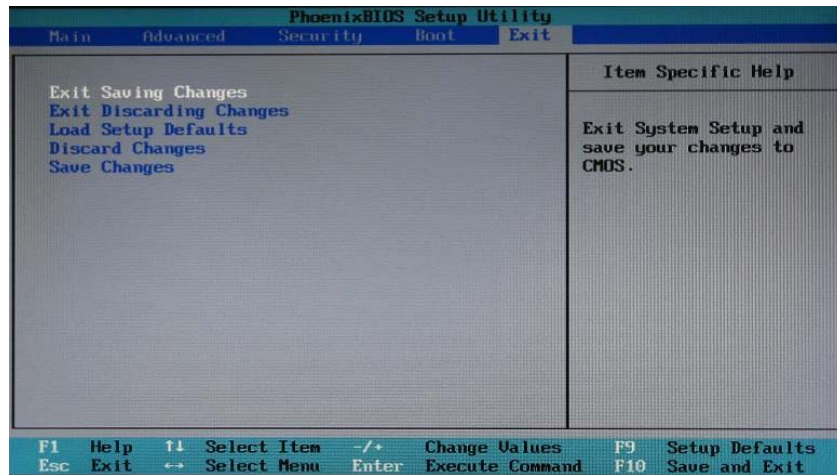
- SATA AHCI Enable: System hard disk mode
- Panel Motor: Open/close the screen vibration
- Light Sensor: Open/close the light sensor

4. 5 Boot



- Set the boot device boot sequence
- Use <+ > and <-> adjust the boot sequence

4.6 Exit



Exit Saving Changes: Save Settings exit

Exit Discarding Changes: Do not save your settings exit

Load Setup Defaults: Import the default settings

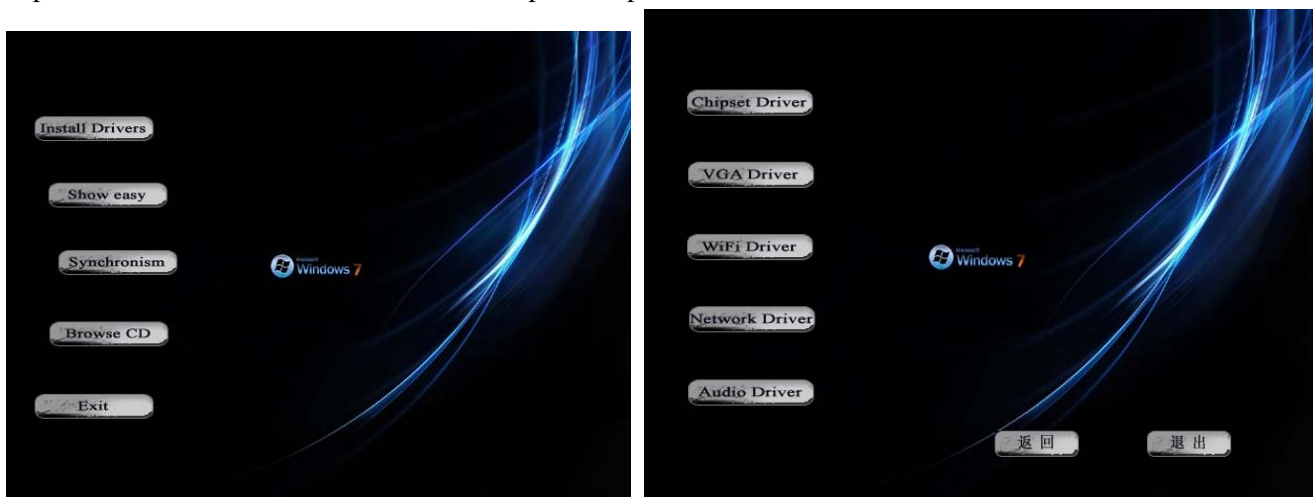
Discard Changes: Do not save your settings

Save Changes: Save Settings

5.0 Installation of driver program

The Tablet computer only support Windows 7 Home Premium Edition and above version

Open the CD-ROM with random allocation, operation procedures, illustrated as follows:



Click on the corresponding chart icon, and then follow the prompts to complete installation.

6.0 Fault analysis and elimination

- In this chapter, you will learn how to solve general problem on hardware.
- Your Tablet computer must pass a computer test and conform to the system specification before being delivered. However, incorrect operation or negligence during the conveyance process will lead to the occurrence of problems.
- This chapter will provide reference and identification information for general problems on hardware and software you may encounter.
- In case of any problem, you can firstly try to eliminate it according to the description in this chapter. If the cases of error continue to emerge, consult your distributors for service information.

6.1 Problem on sound

1) Without sound

- Please double-click the icon of loudspeaker at the right lower corner of the task column and check whether the volume of loudspeaker has been shut off.
- press the volume mode "+" key so as to adjust to increase the volume.
- most of the problems on sound are related to software .If your Tablet computer has a normal sound previously, the reason may be that the software setup is incorrect.

2) Unable to record

- Please tap the icon of loudspeaker at the right lower corner of the task column and check whether the volume of loudspeaker has been shut off.
- Press the Option and select Property.
- Select Recording and press the Enter button.
- After the Enter button is pressed, the control console for recording volume will pop out.

6.2 Problems on HD

1) HD is unable to run normally to be recognized

- If your PC has upgraded the HD, please confirm that the interface of HD is not loosened and the installation of HD is fully correct.
- The new HD need partitioning and re-formatting. The operating system and driver program also need to be re-installed.
- The new HD may be broken.
- If your Tablet computer was once encountered will electrostatics or bumped, you may have destroyed the HD.

2) Too slow execution speed of HD

- If your HD has been used for a long time, excessive and unordered documents will result in a lot of disc fragments. Please follow the process, I.e. start-program-accessory-system tool-program for arrangement of disc fragment, to execute the disc arrangement, This process may take some time.
- Your HD has been infected with virus.
- Document damaged
- Please execute the surface scan in the disc scanning program for disc examination .Double-click My Computer. Right click C: select Property, single-click Starting Checkup in the fault finding status of the label to execute the disc scanning program.

6.3 Problems on monitor

1) Black screen in case of system booting

- Please make sure that the Tablet computer is not in hibernation or standby mode. Under these modes, the monitor will be shut off so as to conserve energy sources.
- Press the backlight mode "+" key so as to increase the brightness of screen.
- Press the functional key Fn+F7 to determine that the Tablet computer is not in the mode of only CRT output.
- Please press the functional key Fn+F8 so as to increase the brightness of screen.

2) Screen flashing

When you start or shut the computer, the screen will flash for several times. This is a normal phenomenon.

3) Damaged point of screen

Due to the restriction of LCD manufacturing process, some image points cannot normally display a certain colors on LCD (i.e the generally-called damaged point). This is normal phenomenon. You can feel assured. For details, please refer to GB/T9813-2000.

The relevant contents on the national standards are as follows.

Inspection shall be conducted under the following condition:

- Ambient temperature: 20°C-25°C
- Light: 300lx-700lx
- Distance for visual observation: the visual line and screen surface form 90 degrees.

6.4 Problems on memory

1) After you install more memories, the added memory capacity is not displayed when the self-testing is conducted for POST booting.

- The installation of memory module may be incorrect.
- The memory module is broken.
- Your system may be incompatible with some memory modules.
- During the operation, the operating system gives out an error information on insufficient memory.
- This problem usually results from software or Windows.

2) Please shut off unused application program software and re-start the computer.

Otherwise, you must install more memory modules.

Special Declaration

This Tablet computer can support several peripheral devices & hardware, such as mouse, keyboard, printer and scanner. As for the peripheral equipment accompanied with the computer, the computer, the computer doesn't guarantee the compatibility and reliability of its products. When users use the products, they must conform to the contents in the specifications. If consumers purchase the peripheral equipment from third parties, which will be connecting to the Tablet computer, please conform to the equipment specifications, correctly connecting the peripheral equipment and computer, and installing corresponding driver program under the operating system supporting the equipment. As there are a lot of peripheral equipment manufacturers on the market, in order to guarantee the benefits of consumers, we recommend consumers to purchase quality-guaranteed products from famous manufacturers. In case that the third-party peripheral equipment are incompatible to the Tablet computer, consumers should contact the third-party manufacturers.

As for software presented with the Tablet computer (all the pre-installed software are presented software with the computer, they are free of charge for users), the company can guarantee the functionality and compatibility of its software. Users should refer to the user's guide for correctly using the special requirement by the software, most genuine software on the market, except for the special requirement by the software, most genuine software can run normally on the Tablet computer. In order to guarantee the consumers' benefits, users are advised to purchase genuine software from official channels. As for any third-party software independently purchased and installed by users, users should follow the specifications for correct. In case that the third-party software is incompatible to the Tablet computer, consumers should contact the third-party manufacturers.

It recommend that before users purchase hardware or software from third parties, they can only purchase after the third-party manufacturers or distributors pass relevant test in order to guarantee their interests. As for problems on third-party hardware or software, the computer cannot guarantee customers' requirement for goods returning and changing .The company can supply technical support.

Annex A Product Specifications

Intel latest mobile computation technology adopted.

CPU

Genuine Intel (R) CPU N455 1.66GHz

Chipset

Intel NM10

System memory

DDRIII 2G,

Graphics card :

Intel® Graphics Media Accelerator 3150

Panel

10.1 " LED LCD screen resolution of 1024x600

Card Reader

Four-in-one card reader, support SD / MS / MMC / MS-Pro

HDD

32G SSD MINIPCI-E interface different capacity of the hard disk

LAN

10/100M LAN

Wireless network

Mini PCI-E wireless card to support the 802.11 B/G

Power Supply

19V/40W power adapter

Battery

3 cells Polymer battery, 3100mAH

Size

About 171.7*265.6*18.7 mm

Weight

About 0.894 Kg kilograms (including batteries)

Note:

As the specifications and configuration of the Tablet computer are being updated quickly, there shall be no prior notice if there is any change on the product specifications. The configuration of computer purchased by users shall be the final result.

FCC WARNING:

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

RF Exposure warning statement: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.