

Regulatory Notices


CB :

- Only use batteries designed for this computer. The wrong battery type may explode, leak or damage the computer.
- Do not remove any batteries from the computer while it is powered on.
- Do not continue to use a battery that has been dropped, or that appears damaged (e.g. bent or twisted) in any way. Even if the computer continues to work with a damaged battery in place, it may cause circuit damage, which may possibly result in fire.
- Recharge the batteries using the Notebook's system. Incorrect recharging may make the battery explode.
- Do not try to repair a battery pack. Refer any battery pack repair or replacement to your service representative or qualified service personnel.
- Keep children away from, and promptly dispose of a damaged battery. Always dispose of batteries carefully. Batteries may explode or leak if exposed to fire, or improperly handled or discarded.
- Keep the battery away from metal appliances.
- Affix tape to the battery contacts before disposing of the battery.
- Do not touch the battery contacts with your hands or metal objects.

RF Exposure :

This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance. SAR Value: **0.208** W/kg

CE Notice (European Union) :

This symbol  indicates this notebook complies with the EMC Directive 2004/108/EC and the European Union's Low Voltage Directive 2006/95/EC. This symbol also indicates that this notebook meets the following technical standards:

- EN 55022 — “Limitations and Methods of Measurement for the Radio Interferences of Information Technology Equipment.”
- EN 55024 — “Information technology equipment - Immunity characteristics - Limits and methods of measurement.”
- EN 61000-3-2 — “Electromagnetic compatibility (EMC) - Chapter 3: Limits - Section 2: Limits on the harmonic current emissions (Equipment input current up to and including 16 A per phase).”
- EN 61000-3-3 — “Electromagnetic compatibility (EMC) - Chapter 3: Limits - Section 3: Limits on the voltage fluctuations and flicker in low-voltage power supply systems for equipment with rate current up to and including 16 A.”



NOTE: EN 55022 emissions requirements provide for two classifications.

(1) Class A governs commercial use

(2) Class B governs residential use

Declaration of Conformity for EU countries

Hereby, GIGABYTE, declares that this notebook PC series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Federal Communications Commission Notice :

This equipment has been tested and found to comply with the limits for a Class B digital service, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Any changes or modifications made to this equipment may void the user's authority to operate this equipment. 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.
- All external cables connecting to this basic unit must be shielded.

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.

The FCC RF safety requirement:

The radiated output power of the wireless LAN Mini PCI Card and Bluetooth card is far below the FCC radio frequency exposure limits. Nevertheless, the Notebook series shall be used in such a manner that the potential for human contact during normal operation is minimized as follows:

- (1) Users are requested to follow the RF safety instructions on wireless option devices that are included in the user's manual of each RF option device.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.



NOTE: The wireless Mini PCI adapter implements a transmission diversity function. The function does not emit radio frequencies simultaneously from both antennas. One of the antennas is selected automatically or manually (by users) to ensure good quality radiocommunication.

- (2) An improper installation or unauthorized use may cause harmful interference to radio communications. Also any tampering of the internal antenna will void the FCC certification and your warranty.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme a la norme NMB-003 du Canada.

BSMI Notice (Taiwan Only)

- The symbol above must be attached to the product indicating compliance with the BSMI standard.
- Most Notebook are classified by the Bureau of Standards, Meteorology and Inspection (BSMI) as Class B information technology equipment (ITE).
- Caution: Suggest to operate under 40°C

CCC (China only)

- On Class A systems, the following warning will appear near the regulation label:
- Warning: This is a Class A product. In a domestic environment, this product may cause radiointerference, in which case users may be required to take adequate measures.
- Used only at altitudes not more than 2000m above sea level.
- Used only in non-tropical conditions.

KCC Notice :

- "B" class equipment (telecommunications equipment for household purpose)
- As this equipment has undergone EMC registration for house hold purpose ("B" Class), this product can be used in any area and designed to be used mainly in a household.

VCCI Class B Information:**クラスB情報技術装置**

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。VCCI-B

Battery Maintenance Guidance

Before you use your Notebook on the road, you will have to charge the battery pack. The battery pack begins to charge as soon as the Notebook is connected to external power using the power adapter. Fully charge the battery pack before using it for the first time. A new battery pack must completely charge before the Notebook is disconnected from external power. It takes a few hours to fully charge the battery when the Notebook is turned OFF. Please note the battery stops charging if the temperature is too high or the battery voltage is too high.



NOTE: Do not leave the battery pack discharged. The battery pack will discharge over time. If not using a battery pack, it must continued to be charged every three month to extend recovery capacity or else it may fail to charge in the future. Li-Ion Polymer rechargeable batteries require routine maintenance and care in their use and handling. Read through below instruction and your Notebook will achieve the maximum battery life span.

Battery Maintenance :

- Do not leave batteries unused for extended periods of time, either in the Notebook or in storage. When a battery has been unused for 3months, check the charge status and charge or dispose of the battery as appropriate.
- The typical estimated life of a Li-Ion Polymer battery is about two to three years or 300 to 500 charge cycles, whichever occurs first. One charge cycle is a period of use from fully charged, to fully discharged, and fully recharged again. Use a two to three year life expectancy for batteries that do not run through complete charge cycles.
- Rechargeable Li-Ion Polymer batteries have a limited life and will gradually lose their capacity to hold a charge. This loss of capacity is irreversible. As the battery loses capacity, the length of time it will power the Notebook decreases.
- The run time of your battery will vary depending on the product's configuration and the applications that you run. Routinely check the battery's charge status.
- Battery terminals must avoid contact with any metallic substance. For preventing shortage, avoid silver coins, tinsels and any other metallic substances to contact the + and - terminals of the battery. For example, It might happen by inserting the batteries to a coat pocket or a leather handbag with some metallic substances mounted on it (metal buttons or zippers). There is high possibility of causing short circuits and connection damage of the battery.
- Consider replacing the battery with a new one if you note either of the following conditions:
 - (1) The battery run time drops below about 80% of the original run time.
 - (2) The battery charge time increases significantly.
 - (3) If a battery is stored or otherwise unused for an extended period, be sure to follow the storage instructions. If you do not follow the instructions, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Replace it with a new battery.

Charging :

The Li-Ion Polymer battery is recharged internally using the AC adapter. To recharge the battery, make sure the battery is installed and the Notebook is connected to the AC adapter. The charge times will be significantly longer if your Notebook is in use while the battery is charging. If you want to charge the battery more quickly, put your computer into Suspend mode or turn it off while the adapter is charging the battery. Please always follow the charging instructions provided with your Notebook.

** If you happen to leave your battery pack to go through an extended period of self-discharge, say more than three months, the battery voltage level will become too low and needs to be Pre-Charged (to bring the battery voltage level high enough) before it automatically resumes its normal Fast Charge. Pre-Charge may take 30 minutes. Fast Charge usually takes 2~3 hours.*

Low Battery State :

When the battery level is low, a notification message appears. If you do not respond to the low battery message, the battery continues to discharge until it is too low to operate. When this happens, your Notebook goes into Suspend mode. There is no guarantee your data will be saved once the Notebook reaches this point.



CAUTION: To protect your Notebook from damage, use only the power adapter that came with it because each power adapter has its own power output rating.

Once your Notebook goes into suspend mode as a result of a dead battery, you will be unable to resume operation until you provide a source of power either from an adapter or a charged battery. Once you have provided power, you can press the Suspend/ Resume button to resume operation. In Suspend mode, your data is maintained for some time, but if a power source is not provided promptly, the power indicator stops flashing and then goes out, in which case you have lost the data that was not saved. Once you provide power, you can continue to use your computer while an adapter charges the battery.

Storage :

- Charge or discharge the battery to approximately 50% of capacity before storage.
- Charge the battery to approximately 50% of capacity at least once every three months.
- Remove the battery and store it separately from the Notebook.
- Store the battery at temperatures between 5°C and 20°C (41°F and 68°F).



CAUTION: The battery self-discharges during storage. Higher temperatures (above 20°C or 68°F) reduce the battery storage life.

Handling Precautions :

- Do not disassemble, crush, or puncture a battery.
- Do not short the external contacts on a battery.
- Do not dispose of a battery in fire or water.
- Do not expose a battery to temperatures above 60°C (140°F).
- Keep the battery away from children.
- Avoid exposing the battery to excessive shock or vibration.
- Do not use a damaged battery.
- If a battery pack has leaking fluids, do not touch any fluids. Dispose of a leaking battery pack (see Disposal and Recycling section).In case of eye contact with fluid, do not rub eyes. Immediately flush eyes thoroughly with water for at least 15 minutes, lifting upper and lower lids, until no evidence of the fluid remains. Seek medical attention.

Transportation :

Always check all applicable local, national, and international regulations before transporting a Li-Ion Polymer battery. Transporting an end-of-life, damaged, or recalled battery may, in certain cases, be specifically limited or prohibited.

Disposal and Recycling :

Li-Ion Polymer batteries are subject to disposal and recycling regulations that vary by country and region. Always check and follow your applicable regulations before disposing of any battery. Contact your local battery recycling organization. Many countries prohibit the disposal of waste electronic equipment in standard waste receptacles. Place only discharged batteries in a battery collection container. Use electrical tape or other approved covering over the battery connection points to prevent short circuits.



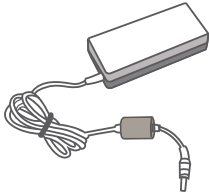
The symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Please check local regulations for disposal of electronic products.

Congratulations on your purchase of the GIGABYTE Notebook.

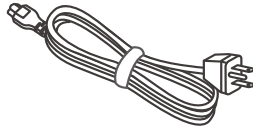
This manual will help you to get started with setting up your notebook. The final product configuration depends on the model at the point of your purchase. GIGABYTE reserves the right to amend without prior notice. For more detailed information, please visit our website at www.gigabyte.com

1 Check Supplied Items

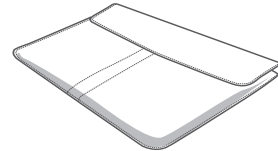
AC Adapter



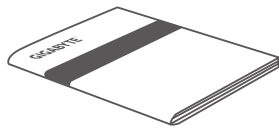
Power Cord



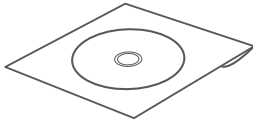
Handy Bag (Optional)



Manual



Driver CD

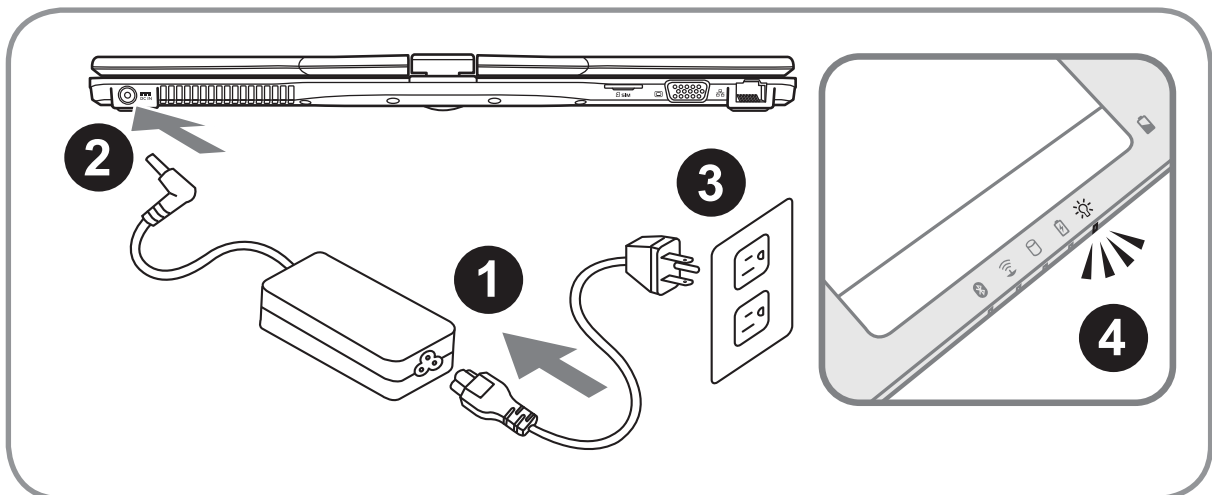


Warranty Card

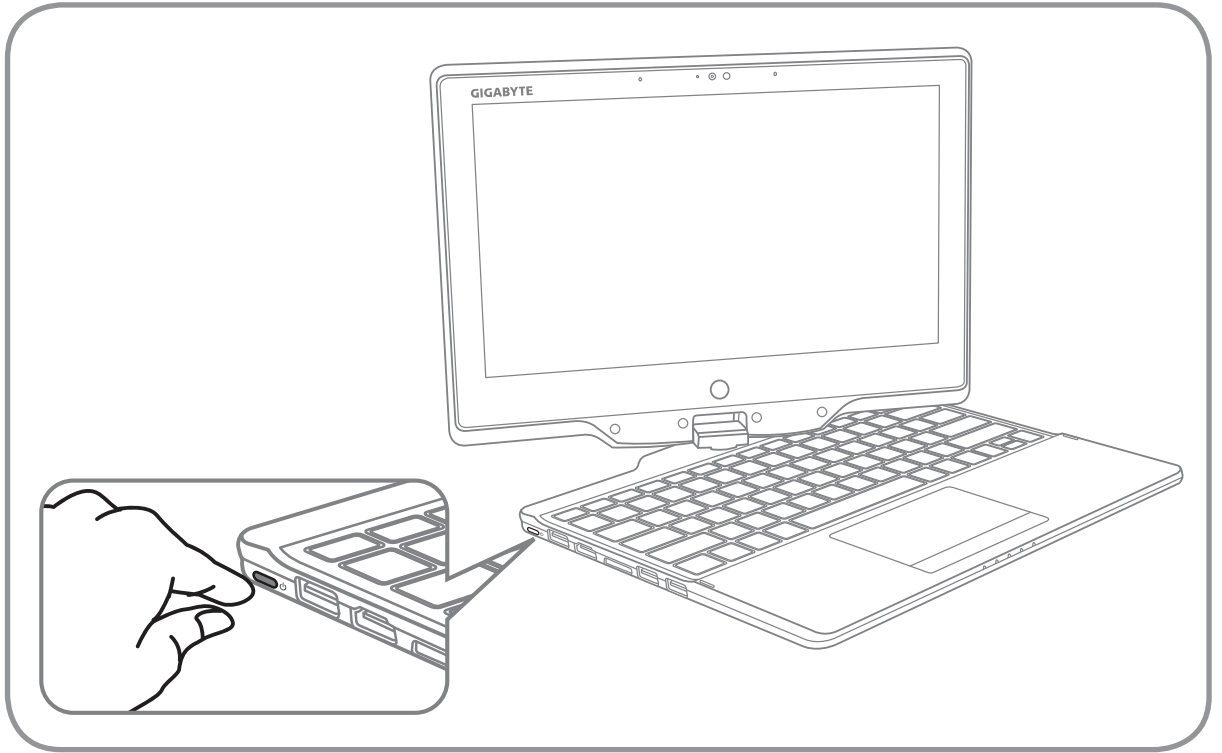


* The illustrations in this document may appear differently from your model.

2 Using GIGABYTE Notebook for the First Time



- 1 Connect the power cord to the AC adapter.
- 2 Connect the AC adapter to the DC-in jack on the right side of the notebook.
- 3 Connect the power cord to the power outlet.
- 4 While the Battery Indicator lights on, press the Power Button to turn on the Notebook.



Switching on the Power

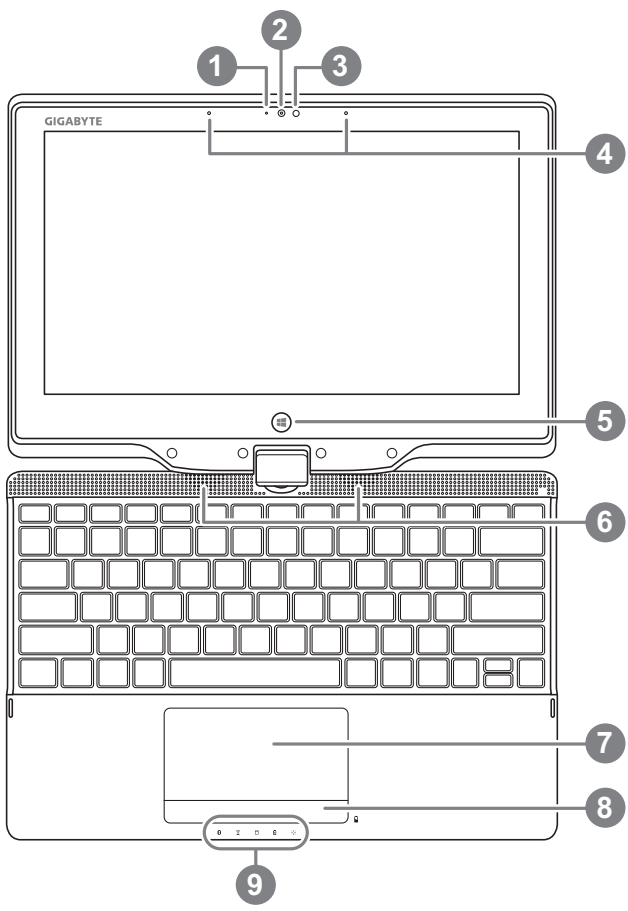
After you turn on the U2142 for the very first time, do not turn it off until the operating system has been configured. Please note that the volume for the audio will not function until Windows[®] Setup has completed.

Bootina Up the U2142 for the First Time

Depending on your configuration, the Microsoft[™] Windows[™] Boot Screen will be the first screen that you will see as the notebook starts up. Follow the on-screen prompts and instructions and enter your personal information to complete the setup of the Windows[®] Operating System.

3 Your GIGABYTE Notebook Tour

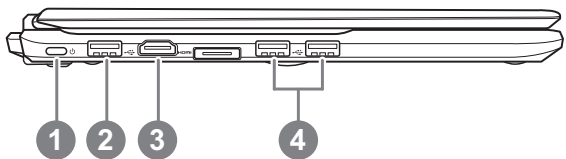
Panoramic View



- 1 Webcam Indicator
- 2 Webcam
- 3 Light Sensor
- 4 Microphone
- 5 Windows Button ❶
- 6 Speakers
- 7 TouchPad
- 8 Battery Indicator Button ❷
- 9 LED Indicators ❸

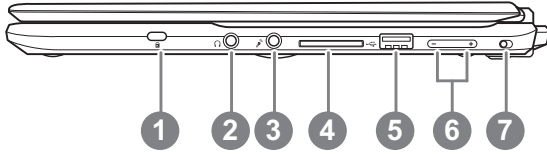
- ❶ Back to Windows 8 Style UI Mode.
- ❷ Press the right button of touchpad to check the remaining battery power in power off mode.
- ❸
 - 📶 Bluetooth Status LED
 - 📶 Wireless LAN Status LED
 - 💿 HDD Status LED
 - 🔋 Battery Status LED
 - 💡 Power Status LED

Left View



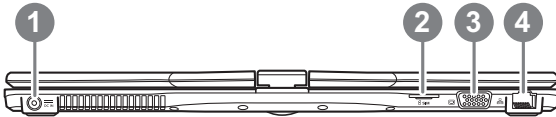
- 1 Power Button
- 2 USB Port
- 3 HDMI Port
- 4 USB Port x2

Right View



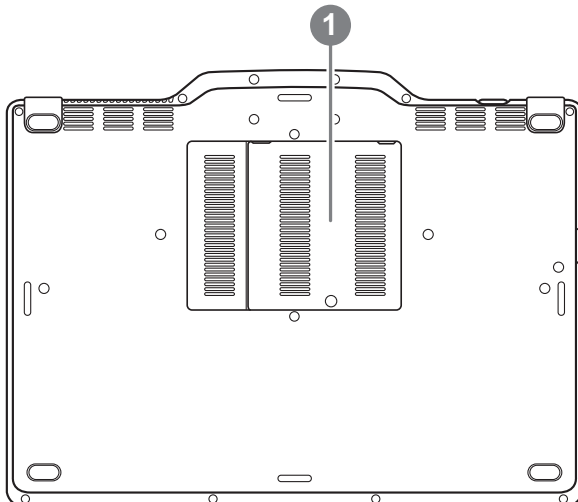
- 1 Kensington Lock Slot
- 2 Earphone-out
- 3 Microphone-in
- 4 2-in-1 card reader
- 5 USB Port
- 6 Volume Control Key
- 7 Rotation Lock Button

Rear View



- 1 DC-in Jack
- 2 SIM Card Slot
- 3 D-sub (VGA) Port
- 4 Ethernet Port













Base View



- 1 Memory Compartment

4 Hotkeys

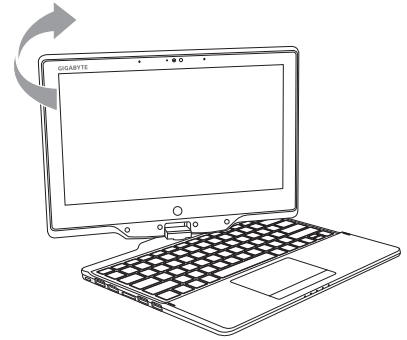
The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness and volume output. To activate hotkeys, press and hold the <Fn> key before pressing the other key in the hotkey combination.

Hotkey	Function	Description
Fn+F1 	Sleep	Put the computer in Sleep mode.
Fn+F2 	Wireless LAN	Enables/disables the Wireless LAN function.
Fn+F3 	Brightness Down	Decrease the screen brightness.
Fn+F4 	Brightness Up	Increases the screen brightness.
Fn+F5 	Display Toggle	Switches display output between the display screen, external monitor (if connected) and both.
Fn+F6 	Screen Display Toggle	Turns the screen display on and off.
Fn+F7 	Volume Mute	Mute the sound
Fn+F8 	Volume Down	Decreases the sound volume.
Fn+F9 	Volume Up	Increases the sound volume.
Fn+F10 	Touchpad Toggle	Turns the internal touchpad on and off.
Fn+F11 	Bluetooth	Enables/disable the Bluetooth function.
Fn+F12 	Webcam	Turns the internal webcam on and off.

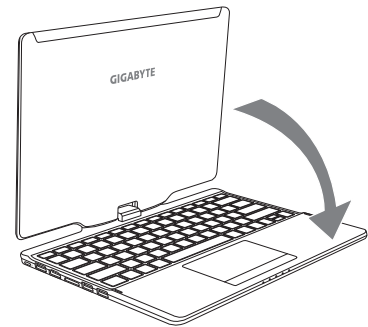
5 Use your U2142 as a Tablet PC

The screen of U2142 is convertible to simulate a Tablet PC. Follow the Steps to use this function:

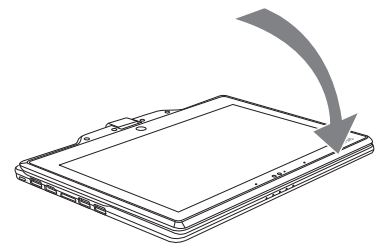
1. Open the lid (the screen display of U2142.)
2. On the top center above the keyboard is the pivot connecting the display panel to the bottom case. There is a sign
3. Follow the sign to turn the screen clockwise up to 180 degree so that the screen is facing out.



4. Lay the turned screen down into the flat position. The keyboard will be covered by the display. Use the stylus or simply touch the screen to operate U2142 as a Tablet PC.



5. When done with Tablet PC. Reverse the screen to 90 degree, turn counter-clockwise set U2142 back to original position.



Attention:

Please note that the screen can only rotate at 180 degree Clockwise. Be sure to turn the screen according to the sign. Forcing the screen to turn at the wrong angle will cause serious damage to the U2142.

6 Specification

SKU Type	U2142
CPU	<ul style="list-style-type: none"> ● 3rd Generation Intel® Core™ Processor ● 2nd Generation Intel® Dual-Core Processor
Operation System	Microsoft® Windows® 8 Compliant
Display	11.6" Capacitive Multi-touch Panel 1366x768 with LED backlight
System Memory	DDRIII SO-DIMM 2 slot (Max 8GB*2)
Chipset	<ul style="list-style-type: none"> ● Intel® HM77 Express Chipset ● Intel® NM70 Express Chipset
Video Graphics	Intel® HD Graphics 4000
Storage Device	<ul style="list-style-type: none"> ● 2.5" 9.5mm SATA HDD ● Solid State Drive(SSD) ● 2.5" 9.5mm SATA HDD + mSATA
Audio	1.5 Watt Speaker*2, Microphone
I/O Port	USB (3.0)*2, USB (2.0)*2, D-sub, HDMI, RJ45, Mic-in, Earphone-out, 2 in 1 Card Reader, DC-input, SIM card slot
Communications	10/100/1000Mbps Ethernet
	802.11b/g/n Wireless
	Bluetooth v4.0
Webcam	1.3 Megapixel
Battery	Li-polymer, 5300mAh, 7.4V, 40Wh
Dimensions	290(W) x 188.5~200(D) x 20.7(H) mm

* This specification is for users' reference only. The final configuration depends on the users' bought.

7 Appendix

■ Warranty & Service:

Warranty and service and related information please refer to the warranty card or GIGABYTE service website as the below link:

<http://www.gigabyte.com/support-downloads/technical-support.aspx>

■ FAQ:

FAQ (Frequent Asked Questions) please refer to the below link:

<http://www.gigabyte.com/support-downloads/faq.aspx>

