



Tablet PC IdeaTab A2207A-F

(Model Name: 60023; 4357)

User Guide V1.0



Read the safety notices and important tips in the included manuals before using your computer.

Notes

- Before using the product, be sure to read important safety and handling information first.
- Some instructions in this guide may assume that you are using Android. If you are using other Windows operating system, some operations may be slightly different. If you are using other operating systems, some operations may not apply to you.
- The features described in this guide are common to most models.
- Some features may not be available on your computer and/or your computer may include features that are not described in this user guide.
- The illustrations in this manual may differ from the product you are using.

Regulatory Notice

To refer to it, go to <http://support.lenovo.com> and click **Guides & Manuals**.

First Edition (November 2012)

© Copyright Lenovo 2012.

LIMITED AND RESTRICTED RIGHTS NOTICE: If data or software is delivered pursuant a General Services Administration "GSA" contract, use, reproduction, or disclosure is subject to restrictions set forth in Contract No. GS-35F-05925.

Tablet PC IdeaTab A2207A-F	1
(Model Name: 60023; 4357)	1
User Guide V1.0	1
Chapter 1. Getting to know your computer	1
Front view	1
Right-side view	2
Top view	2
Rear view	3
Chapter 2. Learning the basics	4
First use	4
Using AC adapter and battery	7
Chapter 3. Connecting to the Internet	8
Wireless connection	8
Chapter 4. Specifications	9
Appendix	11
Federal Communications Commission Declaration of Conformity	11
Canada	13

Chapter 1. Getting to know your computer

Front view



- 1 **Integrated camera** Use the camera for video communication.
- 2 **Multi-touch screen** Functions as both the primary output and the primary input component.

Right-side view



- 1 **Volume up/down** Adjusts system sound.

Top view



- 1 **Built-in microphone** Captures sound and can be used for video conferencing, voice narration, or audio recording.
- 2 **Composite audio jack** Accommodates headsets or headphones. This jack does not support conventional microphones.

© **Attention:**

- Listening to music at high volume over extended periods of time may damage your hearing.



- 3 **Micro USB port**
- 4 **Power button** Powers on the tablet.

Rear view



- | | |
|----------------------------------|--|
| 1 Integrated camera | Use the camera for video communication. |
| 2 WLAN/Bluetooth antennas | Connected to the WLAN/Bluetooth adapter and are used for sending and receiving wireless signals. |
| 3 Speaker | Provides audio output. |

Chapter 2. Learning the basics

First use

□ **Reading the manuals**

Read the supplied manuals before using your tablet.

□ **Turning on the tablet**

Press the power button to turn on the tablet.

□ **User safety information**

- Please carefully read the user manual before use.
- Please do not switch on the tablet when using the tablet is prohibited or using the tablet could lead to interference or hazards.
- Please keep the tablet switched off on airplanes. If the tablet is equipped with functionality which automatically activates the device such as an alarm clock or calendar function, please check and remove this before boarding.
- When using the tablet, keep away from hot or high-voltage environments, such as electronic appliances or cooking equipment.
- Prevent fires. Please switch off the tablet in areas containing flammable objects such as petrol stations and fuel stores.
- Using a tablet case or plastic case could cause damage to the tablet's exterior paint.
- The use of solvents such as benzene, diluents or alcohol to wipe the exterior casing of the tablet is strictly forbidden. Bringing your tablet into contact with corrosive chemicals such as detergents is strictly forbidden. Only clean, soft cloth may be used to gently wipe the tablet.

- Leaving the tablet under the sun, or placing it in a smoky or dusty environment is strictly forbidden.
- Your tablet is not water proof; please keep it dry. Use in humid areas such as bathrooms is strictly forbidden. Causing the tablet to be exposed to rain or moistness is strictly forbidden.

□ **Do not attempt to replace the internal battery**

Replacement of the internal rechargeable battery or internal coin-cell battery must be done by a Lenovo-authorized repair facility. The Lenovo-authorized repair facilities recycle Lenovo batteries according to local laws and regulations.

The following statement applies to users in the state of California, U.S.A.: Products containing CR (manganese dioxide) lithium coin cell batteries may contain perchlorate.

Perchlorate Material - special handling may apply. Go to:
<http://www.dtsc.ca.gov/hazardouswaste/perchlorate>.

Because the internal lithium coin cell battery is not an end-user accessible part, no special handling is required by the end user other than disposing of the tablet in a manner consistent with local law when the tablet is at the end of its useful life.

□ **Use approved charging methods only**

Please only use the power adapter provided with your tablet for charging the battery.

When using chargers, please abide by the following.

- Before use, please carefully read the user manual and labels on the charger.
- Please do not disassemble or refit the charger, using the charger when the cable is damaged is strictly prohibited, otherwise this could cause electrocution, fire or charger damage.
- Touching the charger with wet hands is strictly prohibited. If the charger comes into contact with water or other liquids, cut the power immediately.
- Short circuiting the charger is strictly prohibited; mechanically vibrating or shaking the device is strictly forbidden; exposure to direct sunlight is directly prohibited; using the charger in humid locations such as bathrooms is strictly forbidden. This device is not water-resistance, it is strictly forbidden to expose the device to rain or moisture.
- Please do not use the charger near devices such as televisions or radios.

- When unplugging, hold the charger firmly; pulling the cord could damage it.
- To prevent hazards, please place the charger in a safe location out of reach of children.

Charging devices might become warm during normal use. Allow for adequate ventilation around the charging device. Unplug the charging device if any of the following occur:

- The power cord for the charging device is frayed or damaged.
- The charging device has been exposed to rain, liquid, or excessive moisture.
- The charging device shows signs of physical damage.
- You want to clean the charging device.

Lenovo is not responsible for the performance or safety of products not manufactured or approved by Lenovo.

□ **Prevent hearing damage**

Caution:

Excessive sound pressure from earphones and headphones can cause hearing loss. Adjustment of the equalizer to maximum increases the earphones and headphones output voltage and therefore the sound pressure level.

Using AC adapter and battery

□ Checking battery status

You can determine the percentage of battery power remaining by checking the battery icon in the notification area.

□ Charging the battery

When you find that the battery power is low, you need to charge the battery or replace it with a fully charged one.

You need to charge the battery in any of the following situations:

- If the battery status indicator starts blinking
- If the battery has not been used for a long time

Notes:

- To increase the life of the battery pack, the computer does not start recharging the battery immediately after it drops from fully charged.
- Charge the battery at a temperature between 50 ° F and 86 ° F (10 ° C-30 ° C).
- Full charge or discharge is not required.
- Risk of explosion if battery replaced with an incorrect type.
Dispose of used batteries according to the instructions.
- The adapter shall be installed near the equipment and shall be easily accessible.

Chapter 3. Connecting to the Internet

You can connect the computer to the Internet in the following ways:
Wireless network technology: connect without wiring.

Wireless connection

Wireless connections provide mobile access to the Internet, allowing you to stay online anywhere the wireless signal covers.

Divided by the signal scales, wireless connection to the Internet can be built based on the following standards.

Wi-Fi	Wi-Fi networks cover a small physical area, like a home, office, or small group of buildings. An access point is necessary for the connection.
-------	--

Note: Your computer may not support all wireless connection methods.

□ Using Wi-Fi (on select models)

Hardware connection



* Not supplied

Chapter 4. Specifications

Equipment Name: Tablet PC IdeaTab A2207A-F

Machine Type: 60023, 4357

Note: The following specifications may contain technical inaccuracies or typographical errors.
Lenovo reserves the right to improve and/or change specifications at any time without notice.

Form Factor

Dimensions Appr. 192mm × 122mm × 11.5mm

Weight Appr. 400 g

LCD size 7.0" (1,024 × 600 Widescreen view)

Platform

Platform MTK 8317 1GHz

Memory

Type and speed LP
DDR2

Maximum supported capacity 1 GB

eMMC

Capacity 4 GB / 16 GB

Display

Display resolution (LCD) 1,024 × 600 pixels

LCD backlight LED

I/O Ports

USB Micro USB port × 1

Audio Combo audio jack × 1

Communication WLAN (802.11 b/g/n)
Bluetooth 4.0

Battery pack

Cells/Capacity	3550mah Li-polymer battery
----------------	----------------------------

AC adapter

AC adapter	Manufacturer : Huntkey; Model: HKA00905015-3C 5 V / 1.5 A AC
------------	--

Miscellaneous

Camera	0.3M on front/2.0M on back
--------	----------------------------

Note:

Users have to use the connection to USB interfaces with USB 2.0 version or higher.

Please make sure the temperature for device will not be higher than 40 °C

Appendix

Federal Communications Commission Declaration of Conformity

Lenovo Tablet PC and Model: 60023; 4357

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 an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

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.

Responsible Party:

Lenovo (United States) Incorporated

1009 Think Place-Building One

Morrisville, NC 27560

Telephone: 1-919-294-5900



FCC Caution:

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

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

RF Exposure Information (SAR)

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the device as reported to the FCC when tested for the body, as described in this user guide, is 0.600W/kg (Body measurements differ among device models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the device a minimum of 0 cm from the body.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: O57A2207AF

Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

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

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

IC: 10407A-A2207AF

IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and IEC 62209. This equipment should be installed and operated with minimum distance 0 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet appareil est conforme aux limites d'exposition DAS incontrôlée pour la population

générale de la norme CNR-102 d'Industrie Canada et a été testé en conformité avec

les méthodes de mesure et procédures spécifiées dans IEEE 1528 et IEC 62209.
Cet appareil doit être installé et utilisé avec une distance minimale de 0 cm entre l'émetteur et votre corps. Cet appareil et sa ou ses antennes ne doivent pas être co-localisés ou fonctionner en conjonction avec tout autre antenne ou transmetteur.

European Community Compliance Statement

C E 0700

This equipment is marked with the 0700 symbol and can be used throughout the European community.

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

EN 300 328 V1.7.1: 2006

- Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission Systems; Data transmission equipment operating in the 2,4GHz ISM band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE directive.

EN 300 440-1 V1.6.1: 2010

- Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods.

EN 300 440-2 V1.4.1:2010

- Electromagnetic compatibility and Radio spectrum Matters (ERM); Short range devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 2: Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive.

EN 301 489-1 V1.9.2: 2011-09

- Electromagnetic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.

EN 301 489-3 V1.4.1: 2002-08

- Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz.

EN 301 489-17 V2.1.1: 2009-05

- Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17 Specific Conditions for 2.4GHz Wideband Data and 5GHz high performance WLAN Equipment.

EN 60950-1:2006+A11:2009+A1:2010+A12:2011

- Safety of Information Technology Equipment.-Safety-Part 1: General requirements.

EN 50332-2:2003

- Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 2: Matching of sets with headphones if either or both are offered separately.

EN 62311:2008

- Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz).

EN 62209-2:2010

- Human exposure to radio frequency fields from handheld and body-mounted wireless communication devices - Human models, instrumentation, and procedures Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz) (IEC62209-2:2010)

EN 62479:2010

- Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

EN55022: 2010

-Information technology equipment –Radio disturbance characteristics – Limits and measurements of measurement

EN55024: 2010

- Information technology equipment –Immunity characteristics - Limits and measurements of measurement

EN 61000-3-2:2006+A1:2009+ A2:2009

-Limits-Limits for harmonic current emissions(equipment input current $\leq 16A$ per phase)

EN 61000-3-3:2008

-Limits . Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN55013: 2001/A1:2003/A2:2006

-Sound and television broadcast receivers and associated equipment –Radio disturbance characteristics-Limits and method of measurement

EN55020:2007/A11:2011

-Sound and television broadcast receivers and associated equipment –Immunity characteristics-Limits and method of measurement

For the device which tests accordance to EN 60950-1:

2006+A11:2009+A1:2010+A12:2011, it is mandatory to perform audio tests for EN50332.

This device have been tested to comply with the Sound Pressure Level requirement laid down in the applicable EN 50332-1and/or EN 50332-2 standards. Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.



Warning statement:

A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.

CE SAR Information

THIS MOBILE DEVICE MEETS GUIDELINES FOR EXPOSURE TO RADIO WAVES. Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 W/kg averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value under the ICNIRP guidelines for use of the device at the body is 0.195 W/kg. Use of device accessories and enhancements may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. The device could be used with a separation distance of 0 cm to the human body.

EU contact: Lenovo, Einsteinova 21, 851 01 Bratislava, Slovakia


WEEE Notice

Recycling and environmental information

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to:

<http://www.lenovo.com/recycling>

Important WEEE information

	Country-specific information is available at: http://www.lenovo.com/recycling
---	--

Restriction of Hazardous Substances Directive (RoHS)

The Lenovo product meets the requirements of the EU Directive (2011/65/ EU) on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (EEE).

Power saving reminder:

CE Energy-Related Products Directive 2009/125/EC Information

Please ask the local distributor, supplier or importer below information:

- The related information of recycle or dispose.
- The related information of spare parts issue.
- Maintenance service.
- When you don't use this device for a long period, please turn off this device and you can save more electric power.

lenovo

New World. New Thinking.™

www.lenovo.com

©Lenovo China 2012

V1.0_en-US