

lenovo

IdeaTab A2105A-H

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 *Lenovo Safety and General Information Guide* first.
- Some instructions in this guide may assume that you are using Windows® 7. 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.

Regulatory Notice

- To refer to it, go to <http://consumersupport.lenovo.com/> and click **User guides and manuals**.

First Edition (March 2012)

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Chapter 1. Getting to know your computer

■ ■ Front view



Notes: The illustrations in this manual may differ from the actual product. Please refer to the actual product.

1 Handset

Chapter 1. Getting to know your computer

■ ■ Left-side view



- 1** **Volume Button** Adjusts the volume.

■ ■ Right-side view



1 Power button

Press this button to turn on the IdeaTab.

Chapter 1. Getting to know your computer

■ ■ Top view



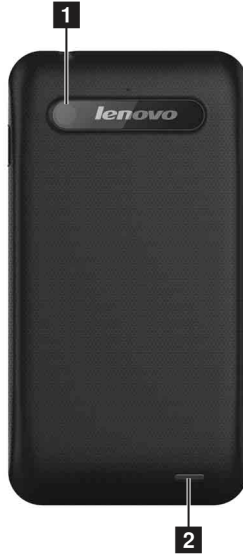
1 Micro USB port

2 Headphone jack Connects to external headphones.

⦿ **Attention:**

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

■ ■ Back view



1 Integrated camera

2 Microphone

Use the camera for video communication.

Chapter 2. Learning the basics

■ ■ First use

■ Reading the manuals

Read the supplied manuals before using your computer.

■ Connecting to the power

The supplied battery pack is not fully charged at purchase.

To charge the battery and begin using your computer, insert the battery pack and connect the computer to an electrical outlet. The battery is automatically charged while the computer is running on AC power.

Installing the battery pack

Refer to the supplied *Setup Poster* to install the battery pack.

Connecting the computer to an electrical outlet

- ① Connect the power cord to the AC adapter.
- ② Connect the AC adapter to the AC power adapter jack of the computer firmly.
- ③ Plug the power cord into an electrical outlet.

■ Turning on the computer

Press the power button to turn on the computer.

■ Configuring the operating system

You may need to configure the operating system when it is first used. The configuration process may include the procedures below.

- Accepting the end user license agreement
- Configuring the Internet connection
- Registering the operating system
- Creating a user account

■ Putting your computer into sleep state or shutting it down

When you finish working with your computer, you can put it into sleep state or shut it down.

Putting your computer into sleep state

If you will be away from your computer for only a short time, put the computer into sleep state.

When the computer is in sleep state, you can quickly wake it to resume use, and bypass the startup process.


Note: Wait until the power indicator light starts blinking (indicating that the computer is in sleep state) before you move your computer. Moving your computer while the hard disk is spinning can damage the hard disk, causing loss of data.

To wake the computer, do one of the following.

- Press the power button.
- Press any key on the keyboard.

■ Shutting down your computer

If you are not going to use your computer for a day or two, shut it down.

To shut down your computer, click  and select **Shut down** from the Start menu.

Chapter 2. Learning the basics

■ ■ 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.

Note: As each computer user has different habits and needs, it is difficult to predict how long a battery charge will last. There are two main factors:

- The amount of energy stored in the battery when you commence work.
- The way you use your computer: for example, how often you access the hard disk drive and how bright you make the computer display.

■ 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:

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

Notes:

- You are advised to insert the battery pack when using your computer to prevent small particles from entering the inside of your computer.
- 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.

■ Removing the battery pack

If you are not going to use the computer for an extended period of time, or if you need to send your computer to Lenovo for service, etc. remove the battery pack from the computer. Before removing the battery pack, make sure the computer has been shut down.

■ Handling the battery

If the rechargeable battery pack is replaced with an incorrect type, there may be danger of an explosion. The battery pack contains a small amount of harmful substances. To avoid possible injury and detriment to the environment, pay attention to the following points:

- Replace only with a battery of the type recommended by Lenovo.
- Keep the battery pack away from fire.
- Do not expose the battery pack to water or rain.
- Do not attempt to disassemble the battery pack.
- Do not short-circuit the battery pack.
- Keep the battery pack away from children.
- Do not put the battery pack in trash that is disposed of in landfills. When disposing of the battery, comply with local ordinances or regulations and your company's safety standards.

Chapter 2. Learning the basics

■ ■ Connecting external devices

Your computer has a wide range of built-in features and connection capabilities.

■ Using memory cards (not supplied)

Inserting a memory card

- 1 Push the dummy card until you hear a click. Gently pull the dummy card out of the memory card slot.

Note: The dummy card is used for preventing dust and small particles from entering the inside of your computer when the memory card slot is not in use. Retain the dummy card for future use.

- 2 Slide the memory card in until it clicks into place.

Removing a memory card

- 1 Push the memory card until you hear a click.
- 2 Gently pull the memory card out of the memory card slot.

Note: Before removing the memory card, disable it via Windows safely remove hardware and eject media utility to avoid data corruption.

■ Connecting a universal serial bus (USB) device

Your computer comes with three USB ports compatible with USB devices.

Note: When using a high power consumption USB device such as USB ODD, use the external device's power adapter. Otherwise, the device may not be recognized, and system shut down may result.

■ Connecting *Bluetooth* enabled devices (on select models)

If your computer has an integrated *Bluetooth* adapter card, it can connect to and transfer data wirelessly with other *Bluetooth* enabled devices, such as notebook computers, PDAs and cell phones. You can transfer data between these devices without cables and up to 10 meters range in open space.

Note: The actual maximum range may vary due to interference and transmission barriers. To get the best possible connection speed, place the device as near your computer as possible.

Chapter 3. Connecting to the Internet

As a global network, the Internet connects computers worldwide, providing services such as e-mailing, information searching, electronic commerce, Web browsing and entertainment.

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.

| | |
|------|---|
| WLAN | WLAN 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 WLAN (on select models)**

Software configuration

Consult your Internet Service Provider (ISP) and search Windows Help and Support Center for details on how to configure your computer.

Appendix A. Notices

■ ■ Important safety information

Important: Changes or modifications to this product not authorized could void the EMC and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

■ FCC Compliance Statement

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.

■ FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth in an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The device was tested and complies to measurement standards and procedures specified in FCC OET Bulletin 65, Supplement C



■ **European Community Compliance Statement**

This equipment is marked with the 0560 symbol and can be used throughout the European community.

This indicates compliance with the R&TTE Directive 1999/5/EC and meets the relevant parts of following technical specifications:

EN 300 328 – Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission Systems; Data transport equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

EN 301 489-1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-7 - Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 7: Specific conditions for mobile and portable radio and ancillary equipment of digital cellular radio telecommunications system(GSM and DCS)

EN 301 489-17 - Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

EN 301 489-24 - Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 24: Specific conditions for IMT-2000 CDMA Direct Spread(UTRA) for Mobile and portable (UE) radio and ancillary equipment

EN 301 511- Global System for Mobile communications(GSM): Harmonized EN for mobile stations in the GSM 900 and GSM 1800 bands covering essential requirements under article 3.2 of the R&TTE directive(1999/5/EC)

Appendix A. Notices

EN 301 908-1- Electromagnetic compatibility and Radio spectrum Matters (ERM): Base Stations (BS). Repeaters and User Equipment (UE) for IMT-2000 Third- Generation cellular networks: Part 1: Harmonized EN for IMT-2000, introduction and common requirements, covering essential requirements of article 3.2 of the R&TTE Directive

EN 60950-1- Information technology equipment - Safety - Part 1: General requirements

IEC 62209-2-Human exposure to radio frequency fields from hand-held 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)

Marking by the symbol indicates that usage restrictions apply.

France - 2.4GHz for Metropolitan France:

In all Metropolitan départements, wireless LAN frequencies can be used under the following

conditions, either for public or private use:

- Indoor use: maximum power (EIRP*) of 100 mW for the entire 2400-2483.5 MHz frequency band
- Outdoor use: maximum power (EIRP*) of 100 mW for the 2400-2454 MHz band and with maximum power (EIRP*) of 10 mW for the 2454-2483 MHz band

Certification information (SAR) The device meets guidelines for exposure to radio waves.

Your 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 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 watts/kilogram (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.

This equipment complies with the European Council Recommendation of 12 July 1999 on the Limitation of Exposure of the General Public to Electromagnetic Fields [1999/519/EC].

This model phone meets the government's requirements for exposure to radio waves. This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government: The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone 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 phone while operating can be well below the maximum value. This is because the phone 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.

Appendix A. Notices

The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 0.396 W/kg and when worn on the body, as described in this user guide, is 1.23 W/kg (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.) While there may be differences between the SAR levels of individual phones and at various positions, they all meet the government requirement. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/ea/fccid> after searching on.

FCC ID: YDUA2105AH

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

Specifications

Model Name: IdeaTab A2105A-H

Machine Type: 60014, 2288

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. 148 mm × 78 mm × 11.2 mm |
| Weight | 180 g |
| LCD size | 5" WVGA LED |

Platform

| | |
|-----------------|----------------|
| Freescale iMX51 | Qualcomm 7227A |
|-----------------|----------------|

Memory

| | |
|----------------------------|---------|
| Type and speed | LP DDR2 |
| Maximum supported capacity | 512 MB |

Hard disk drive

| | |
|-----------|-----------------|
| Interface | eMMC/Nand flash |
|-----------|-----------------|

Display

| | |
|--------------------------|------------------|
| Display resolution (LCD) | 800 × 480 pixels |
| LCD screen | LED backlight |

I/O Ports

| | |
|------------------|------------------------------|
| USB | Micro USB × 1 |
| Audio | Headphone jack × 1 |
| Communication | 3G WWAN (Select models only) |
| Memory card slot | Micro SD × 1 |

Specifications

Battery pack

| | |
|----------------|----------------|
| Type | Li-Ion polymer |
| Cells/Capacity | 8.8 Wh |

AC adapter

| | |
|----------------|-----------------|
| Input | 100-240V ~ 0.2A |
| Output voltage | 5W (5V 1A) |

Miscellaneous

| | |
|--------|---|
| Camera | 0.3 mega pixels for front 5.0 mega pixels for back |
|--------|---|

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