



IdeaTab A2109A-F

User Guide v1.0



Please read the
safety precautions and important notes
in the supplied manual before use.

1-1	Appearance
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1-1 Appearance

Images are for reference purposes only, and may differ from your IdeaTab A2109A-F.

1-2 Buttons

Power Button

- To turn on your IdeaTab, press and hold this button for about 3 seconds. Then release it.
- If your IdeaTab is turned on, press this button to deactivate the display. If the display is deactivated, press this button to activate the display.
- If your IdeaTab is turned on, press and hold this button for about 3 seconds, then tap **OK** from the **Power off** pop-up window to shut down your IdeaTab.
- If necessary, press and hold this button for about 6 seconds to force a shutdown.

Volume Controls

- Press the Volume Up or Down buttons to adjust the volume.

Screen Rotation Lock

- Toggle the switch down to unlock the screen orientation, allowing screen rotation.
- Toggle the switch up to lock the screen orientation, preventing screen rotation.

1-3 Turning On/Off Your IdeaTab

Turning On Your IdeaTab

Press and hold the Power button on your IdeaTab for about 3 seconds, then release it. The Lenovo logo and the startup screen will appear in sequence, indicating your IdeaTab has been turned on.

Turning Off Your IdeaTab

Press and hold the Power button on your IdeaTab for about 3 seconds. The **Power off** pop-up window will appear. Tap **OK** to turn off your IdeaTab.

1-4 Activating/Deactivating the Display

Activating the Display

With the display deactivated, press the Power button on the IdeaTab to activate the display. The IdeaTab's display will then illuminate, indicating that it has been activated.

Deactivating the Display

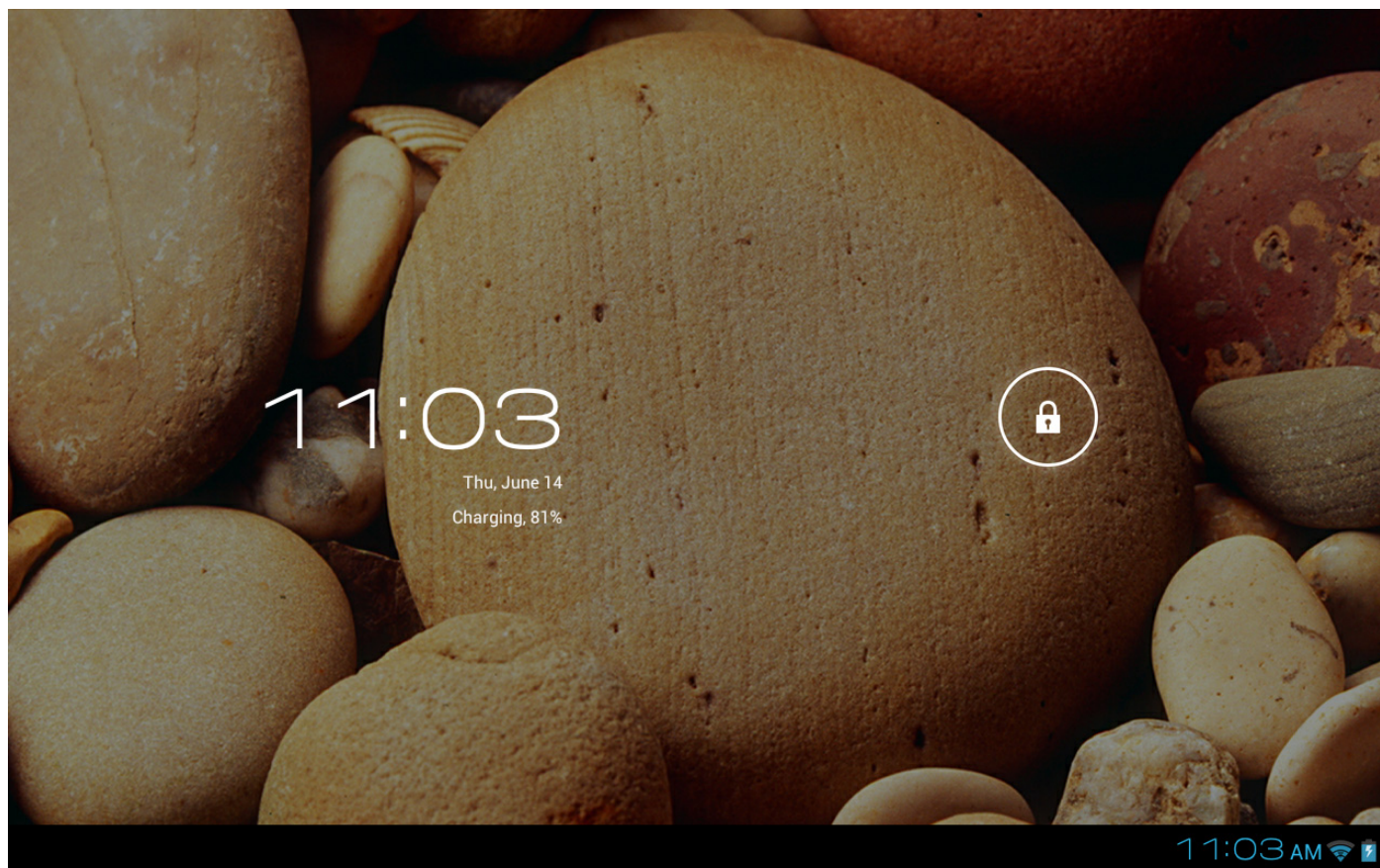
If you do not need to use your IdeaTab temporarily, you can press the Power button to deactivate the display. Your IdeaTab will then enter Standby mode to save power.

1-5 Screen Lock/Unlock

Screen Lock

Auto-Lock

You can set screen timeout by tapping **Sleep** in **Display** under  **Settings**. If there is no activity within the preset standby time, the display will deactivate, and your IdeaTab will lock automatically.

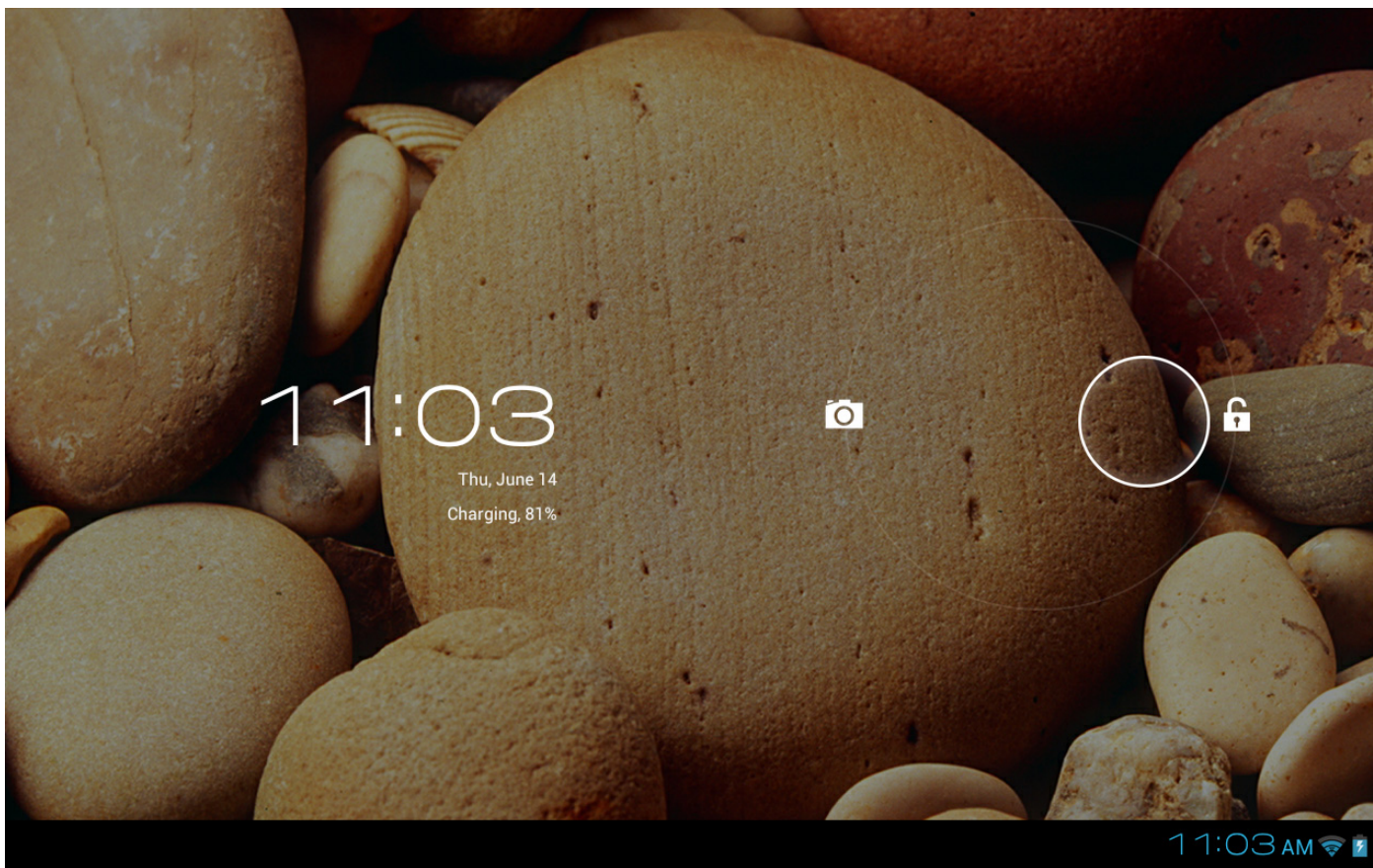


Manual Lock


If you do not need to use your IdeaTab temporarily, you can press the Power button to deactivate the display. Your IdeaTab will then be locked. And will enter Standby mode.

Screen Unlock





When in Standby mode, press the Power button on your IdeaTab to activate the display. Then, while tapping and holding the lock icon, drag the slider over the unlock icon, as shown in the illustration below.



Screen Lock Pattern Setting

You can set the screen lock pattern by tapping **Pattern** in **Screen lock** in **Security** under  **Settings** to set the screen lock pattern. After this function has been enabled, you will be required to trace a personalized unlock pattern to unlock the screen before you can use your IdeaTab.

1-6 Navigation Tips

- **Back**  : Return to the previous screen.
- **Home**  : Return to the Home screen.
- **Recent Apps**  : Display recently used apps.
- **App Menu**  : Display all available apps.



1 - Back
2 - Home

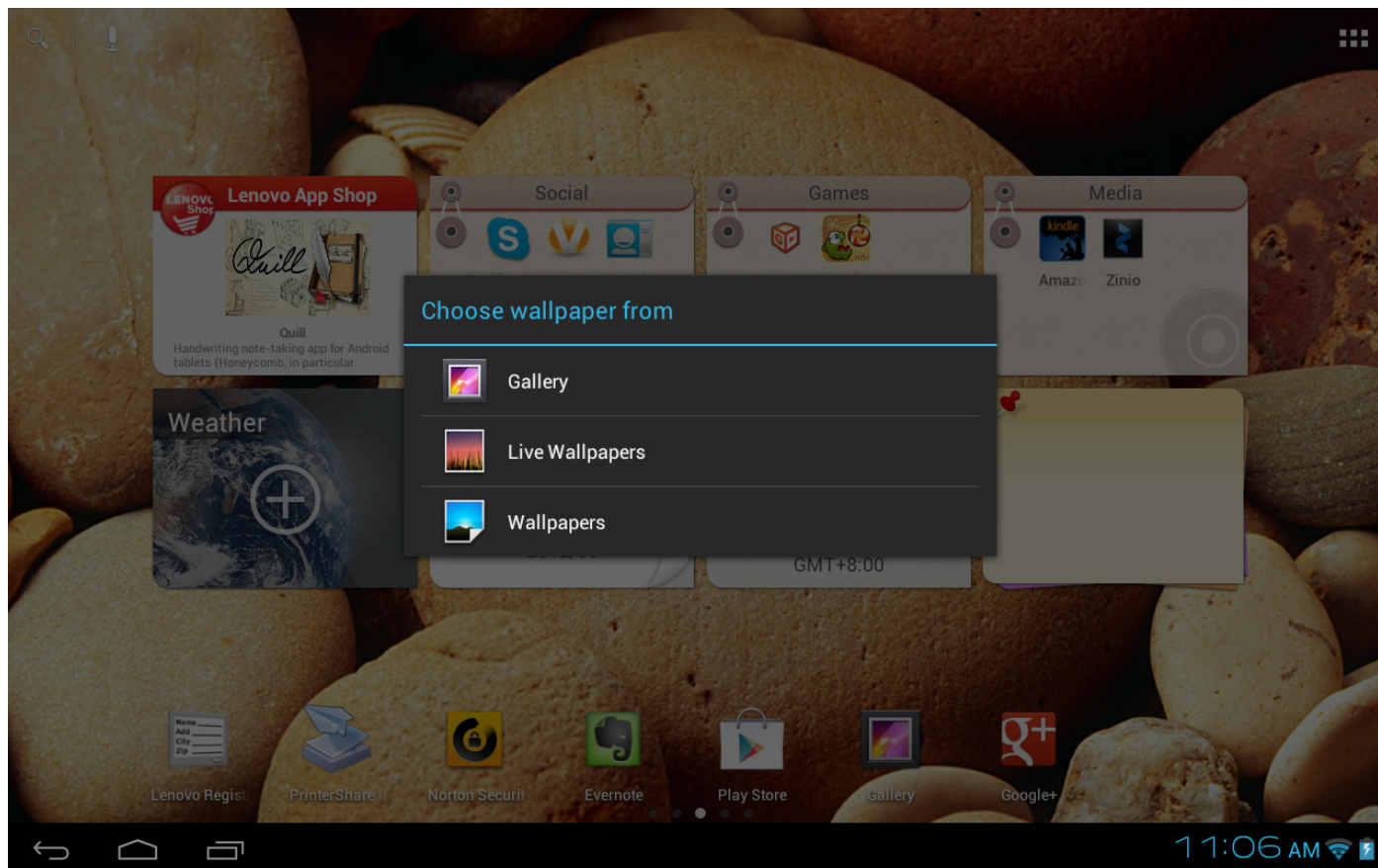
3 - Recent Apps
4 - App Menu

1-7 Home Screen

This desktop enables you to view and open your most frequently used applications quickly.

In the Home screen, you can add shortcuts and change your wallpaper.

- To add a shortcut onto the Home screen, tap and hold the icon of the app in the applications list until it is added onto the Home screen. While holding, drag the icon to any area of the home screen to place it.
- To change your wallpaper, tap and hold any blank area on the Home screen. Tap **Wallpapers**. Choose a wallpaper from the pop-up window, and then tap **set wallpaper**.



- To delete an app from the Home screen, tap and hold the desired icon until an **X** appears. Next, tap **X** to delete it. Finally, tap **finish edit mode** to exit.

1-8 Switching Home Screens

Your IdeaTab has multiple desktops.

Move through screens by sliding your finger across the display. Icons can be moved from one desktop to another.

1-9 Status Bar

System messages, if any, will be displayed in the lower right corner of the display.

Information about Wi-Fi connection and reception, power levels, charging status, and other notifications are displayed in the status bar.

Tap the status bar to display the notification panel. Tap  to open the settings panel which contains the Airplane mode switch, Wi-Fi settings shortcut, Auto-rotate screen switch, Enable Balanced Power switch, Brightness adjustment slider, Notifications switch and Settings shortcut.



1-10 Recent Apps

Your IdeaTab remembers apps you have used recently.

Tap  to display a list of your recently used apps. Tap an app to open it.



1-11 Applications Management

Tap  on the Home screen to open the applications list.

Tap **Apps** in **DEVICE** under  **Settings** to manage your apps.
Uninstall

Tap **Apps** to display the list of downloaded apps under the **DOWNLOADED** tab. Then select the app, and tap **Uninstall** at the top to uninstall the app.

To **Stop/Change Setting**, tap **RUNNING** or **ALL**, then tap the app and select the option you want.

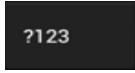
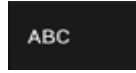




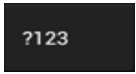
You can easily enter text, including English letters and numeric symbols, from the virtual keyboard directly onto the touch screen, such as when adding contact information in the Contacts application.

Virtual keyboard




Tap  on the lower bar to hide the virtual keyboard. Tap the input box to display the virtual keyboard.

Switch Input Method

- Tap  /  to toggle between letters and numbers.
- Tap  to enter a capital letter. Or tap and hold  until it changes into  to turn caps lock on. Tap it again to unlock.
- To input a gray-colored symbol, tap and hold the key and drag your finger to the symbol you want in the blue pop-up box.
- In number input mode, tap  to enter symbols and special characters. Tap  to go back to number input mode.

Input Options

- Tap  to open the **Input options** menu. You can select **Input languages** or **Android keyboard settings** in this menu.

2-1 Browser

Network support is required to access the Internet with the web browser. If you have problems accessing your network, consult your network operator or service provider directly.


The web browser in your IdeaTab can access the Internet via a Wi-Fi network for business or personal use.

Tap  **Browser** in the applications list to open the browser.

The browser supports the following functions:

Entering Web Addresses


Tap the address bar to input a web address using the virtual keyboard.

Tap  on the virtual keyboard to open the web page.



Exiting the Browser

Tap  on the lower bar to exit the browser and return to the Home screen.

Managing Browser Web Pages

Tap  to open the Browser manager, where you can manage your bookmarks, view your Internet browsing history and read previously saved web pages offline.

BOOKMARKS:

Displays a list of all the web pages that you have added to **BOOKMARKS**. To add a bookmark, tap  to add the current web page to **BOOKMARKS**. To edit a bookmark, tap  and then tap and hold the bookmark to open a pop-up window. From the pop-up window, you can choose from the following options: Open, Open in new tab, Edit bookmark, Add shortcut to home, Share link, Copy link URL, Delete bookmark, and Set as homepage.



HISTORY:

Displays a list of all the web pages you have previously visited, sorted by Today, Yesterday, Last 7 days, and Most visited.

SAVED PAGES:


Displays a list of all the web pages you have previously saved for offline reading.

Tabbed Browsing

You can open several web pages in the same window. Tap  to open a new tab. To switch to another web page, tap the appropriate tab. Tap  on any tab to close it.


Additional Functions

Refresh: Tap  to refresh a web page manually.

Backward/Forward: Tap  or  to return to the previous page or go to the next page.

Select Text: Selects text in the current page for copying, sharing, finding, and web searching.



Add/Edit Bookmarks: Tap  to bookmark the current page. Tap  to manage your bookmarks.

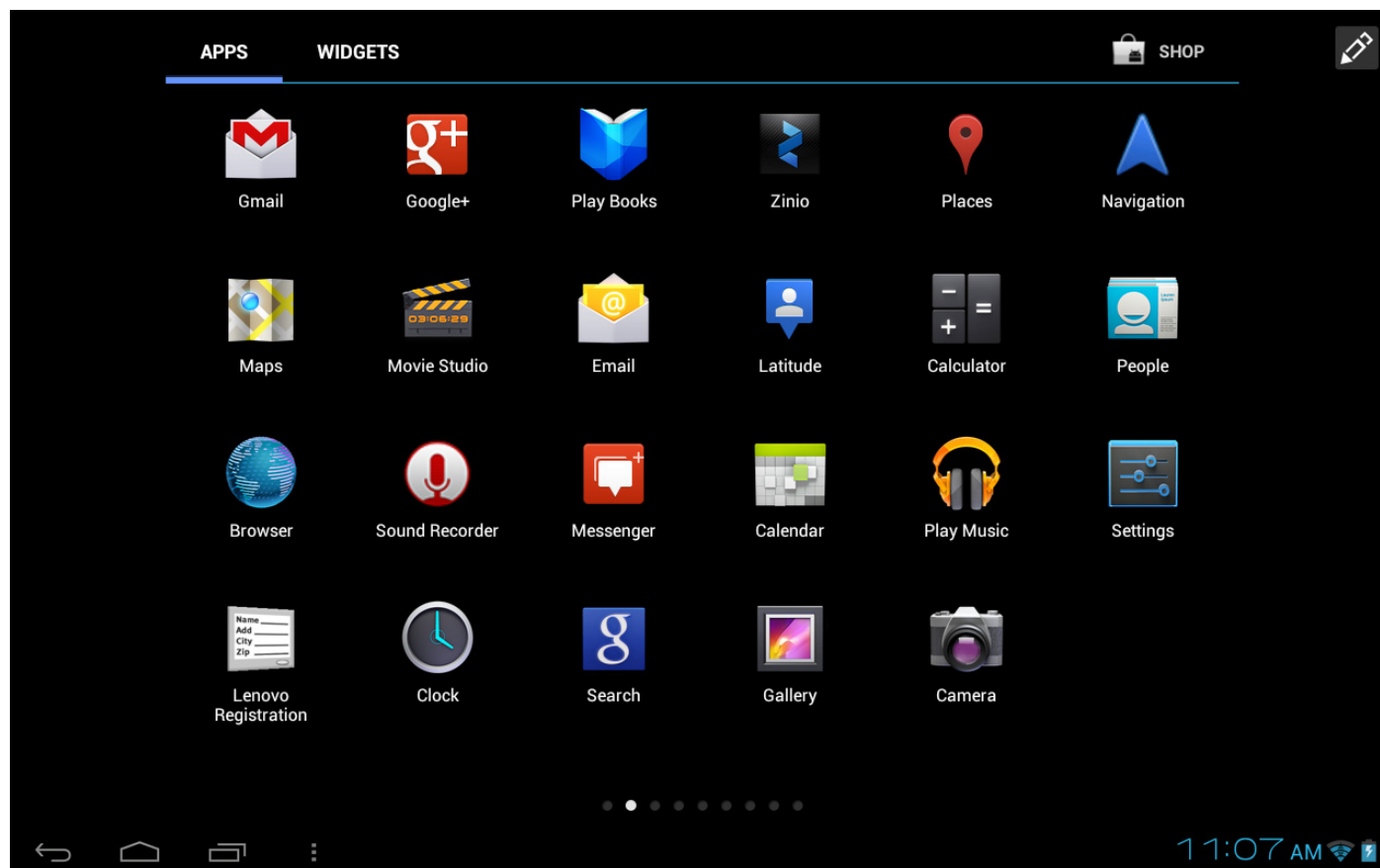
More Options: Tap  to display a list of options, including: Refresh, Forward, New tab, New incognito tab, Share page, Find on page, Request desktop site, Save for offline reading, Page info, and Settings.

Zoom Pages In/Out: Your IdeaTab automatically fits the page to the screen size. However, you can also zoom the page in/out manually by pinching or stretching placing two fingers on the screen and drawing them together/apart (to match zoom in/out).

Chapter 03 Applications

- 3-1 **Calculator**
- 3-2 **Calendar**
- 3-3 **Camera**
- 3-4 **Clock**
- 3-5 **People**
- 3-6 **Email**
- 3-7 **Gallery**
- 3-8 **Play Music**

Tap  on the Home screen to open the applications list. Tap  at the upper right corner of the screen to enter edit mode. Tap and hold to drag the desired icon to change its location. You can also move the icon to the previous or next page by dragging it to the edge of the screen and holding it there for about one second.




3-1 Calculator

Tap  **Calculator** in the applications list to activate the calculator.

3-2 Calendar

Tap  **Calendar** in the applications list to open the calendar.

New Calendar Event

Tap  in the **Calendar** view to create a new event. You can also create a new event by tapping and holding a time within the Week or Day view.

Manage Calendar Events


You can switch between **DAY**, **WEEK**, **MONTH**, and **AGENDA** by tapping the appropriate tab at the top of the page.

Day view: Tap and hold an event in Day view to view, edit, or delete the event.


Week view: Tap and hold an event in Week view to view, edit, or delete the event.

Month view: Manage events in Week view from Month view by tapping any date in the Month view.



Agenda view: Tap to view events across a range of dates.

NOTE: Within any **Calendar** view, you can easily return to the current day/week/month by tapping  **TODAY** at the top of the page.




3-3 Camera

Tap  **Camera** in the applications list to open the camera interface. In this interface, you can perform the following operations:

Switch Cameras

Your IdeaTab provides you with front/rear cameras. In the photo/video interface, tap  /  to switch between the front and rear cameras.


Switch Camera Modes






Your IdeaTab provides you with three camera modes. In the camera interface, tap ,  and  to switch between photo taking, video recording and panorama shooting modes.

Photos

Taking Photos

In the photo interface, tap  to take a picture. Drag the slider towards **+** or **-** to zoom in or out.



Tap  to set the camera properties.

-  Exit camera settings
-  White balance
-  Exposure
-  Scene mode
-  Camera settings

Viewing Photos

A thumbnail image of the last photo taken will be displayed in the upper right corner of the camera interface. Tap the image to open the photo viewer. Here, you can also set and play photo slideshows.


Photo Saving Location

Any photos you have taken will be saved in the  **Gallery** application. Tap  **Gallery** in the applications list to open a list of all the photos you have taken. You can view photos by **Albums**, **Locations**, **Times**, **People** or **Tags**.

Videos

Recording Videos

Tap  in the video interface to start recording. Tap  to stop recording.

Tap  to set the camera properties.



Exit camera settings



White balance



Effects



Time lapse interval



Video quality





Camera settings

Viewing Videos

A thumbnail image of the last recorded video will be displayed in the upper right corner of the video interface. Tap the image to open the video player.

Shooting Panoramas



Capturing Panorama Images

In the panorama interface, tap  to start capturing. Move your IdeaTab slowly. Tap  again to stop capturing. The entire panned scene will be captured in one photo.

Viewing Photos


A thumbnail image of the last panorama taken will be displayed in the upper right corner of the camera interface. Tap the image to open the photo viewer. Here, you can also set and play photo slideshows.

Photo Saving Location

Any panoramas you have taken will be saved in the  **Gallery** application. Tap  **Gallery** in the applications list to open a list of all the photos you have taken. You can view photos by **Albums, Locations, Times, People, or Tags**.

3-4 Clock

Tap  **Clock** in the applications list to open the clock.

To add an alarm, tap  **Set alarm**, then **Add alarm**. After you have finished editing the alarm, tap **OK** and then **DONE** and select the check box in front of the alarm time to activate the alarm.

To restart a previously set alarm, select the check box in front of the alarm time.

When an alarm sounds, tap **Dismiss** to deactivate the alarm, or **Snooze** to delay it for ten minutes.

3-5 People

Tap  **People** in the applications list.

Adding a Contact

When adding a contact for the first time, tap **Create a new contact** in the **All** interface to open a new contact editing interface, then type the relevant information for that contact. Tap **DONE** when you have finished editing.


To add a new contact into the contacts list, tap  to open a new contact editing interface.

Editing a Contact


Choose the contact and tap  in the **All** interface to edit contact information.

3-6 Email


Network support is required to use your IdeaTab's mailbox. If you have any problems accessing your network, consult your network operator or service provider directly.

Tap  **Email** in the applications list.

3-7 Gallery

Tap  **Gallery** to open the Photo application and view photos stored on your IdeaTab. In the Photo application homepage, photos are automatically displayed in the upper left corner as **Albums**. You can select how to display your photos, according to: **Albums, Locations, Times, People, or Tags**.









3-8 Play Music



Tap  **Play Music** in the applications list to open the music application, and then select the tracks you want to play. You can move music to or from your computer using the USB cable that came with your IdeaTab.

Tap the tab on the top fixed toolbar of the music interface to sort your music by: **Recent, Albums, Artists, Songs, Playlists, or Genres**.


Music Player Control

Press your IdeaTab's Volume buttons to adjust volume.

 /  : Play / Pause
 /  : Previous / Next
 /  : Repeat All / Repeat Current
 /  : Toggle Shuffle on / off

In the music player interface, tap  to return to the Home screen. You can now open other applications, but your music will continue playing. To turn off/change music tracks, tap  on the status bar to switch to the Music player control interface.

- 4-1 Wireless & Networks
- 4-2 Device
- 4-3 Personal
- 4-4 System
- 4.5 Safety Information

Then tap  **Settings** to open the Settings interface.

4-1 Wireless & Networks

This settings menu includes: **Wi-Fi**, **Bluetooth**, **Data usage** and **More...** (**Airplane mode**, **VPN**, **USB tethering**, **Wi-Fi direct**).

Wi-Fi



This setting allows you to enable or disable Wi-Fi connections.


To turn Wi-Fi on/off:

In WIRELESS & NETWORKS, tap Wi-Fi then slide the switch to turn Wi-Fi on/off.

To connect to a Wi-Fi network:

When Wi-Fi is enabled, your IdeaTab will automatically scan for available wireless networks, displaying them in the Wi-Fi network list.

The network status icon,  indicates that the network requires no password and can be connected directly. However,  indicates that the network has been encrypted, and can only be connected after the required password is entered.

You can select any network you want from the list. After selecting the network, tap **Connect** to connect directly. You can also select **ADD NETWORK** to add a network manually. Tap , then **Advanced** for advanced Wi-Fi settings.

- **Network notification:** When activated, the system will notify you if there are any open networks available.

Bluetooth

You can establish a wireless connection with any other Bluetooth compatible device using Bluetooth technology. Examples of Bluetooth compatible devices may include stereo earphones, keyboards, and so on.

Since a Bluetooth-enabled device communicates with other devices by radio waves, you do not have to position your IdeaTab directly towards the other device. You simply need to make sure that the maximum distance between the two devices does not exceed 10 m (about 32 feet). However, note that the Bluetooth connection can sometimes be interrupted by obstacles, such as walls or other electronic devices.

Your IdeaTab supports V3.0 Bluetooth. To ensure effective operation of your IdeaTab and another Bluetooth-enabled device, use only Lenovo-approved accessories compatible with your IdeaTab. Also, check with the manufacturer of the other device to determine whether the device is compatible with your IdeaTab.

In some cases, the use of Bluetooth may be restricted. Consult with your local authorities or your service provider for more information.

Using applications that require Bluetooth technology, or running such applications in the background will consume the battery power of your IdeaTab at a faster rate and reduce the service life of your battery. You can perform the following in Bluetooth settings: Tap Bluetooth then slide the switch to turn Bluetooth on/off.

- **AVAILABLE DEVICES:** After Bluetooth has been activated, your IdeaTab will automatically display a list of any Bluetooth-enabled devices it can find within the effective range (i.e. scan for devices).

Data usage

You can check your data usage statistics for a specified period.

More...

Airplane mode: When Airplane mode is enabled, all wireless connections on your IdeaTab will be disabled.

VPN: These settings allow you to add and set up various types of VPN (Virtual Private Network).

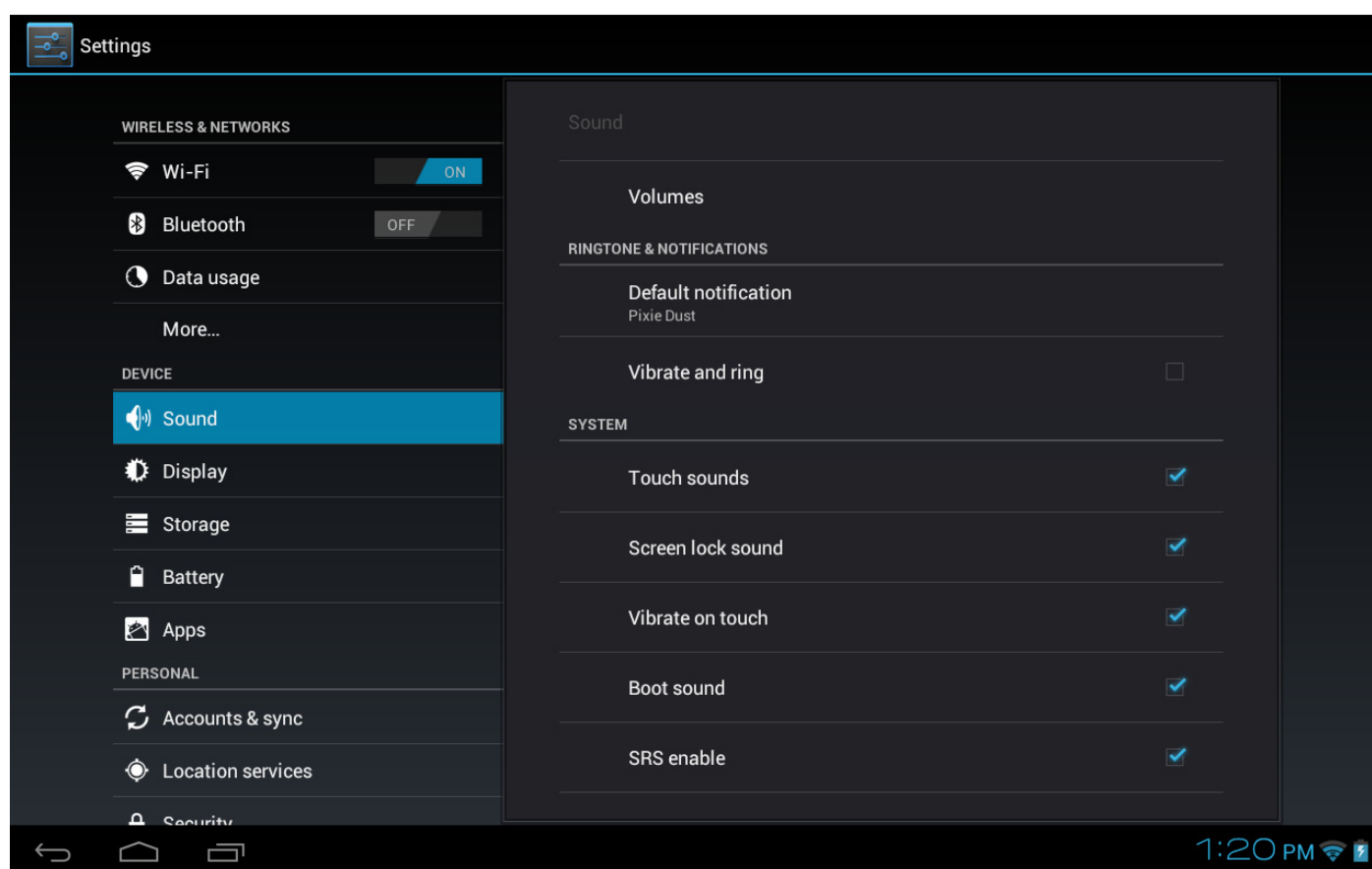
USB tethering: You can connect your Android device to your computer with a USB cable to share your device's Internet connection with your computer.


Wi-Fi Direct: Start Wi-Fi Direct operation. This will turn off Wi-Fi client/hotspot operation.

4-2 Device

Sound

Tap this option to enter the Sound settings interface. Settings include: **Volumes**, **RINGTONE & NOTIFICATIONS** (**Default notification**, **Vibrate and ring**) and **SYSTEM** (**Touch sounds**, **Screen lock sound**, **Vibrate on touch**, **Boot sound** and **SRS enable**).



-  is a trademark of SRS Labs, Inc. WOW HD technology is incorporated under license from SRS Labs, Inc. WOW HD™ significantly improves the playback quality of audio, delivering a dynamic 3D entertainment experience with deep, rich bass and high frequency clarity for crisp detail.

Display

Display settings include: **Brightness**, **Wallpaper**, **Auto-rotate screen**, **Sleep**, **Font size**, and **Enable Balanced Power**.

Brightness: You can manually adjust the brightness, or select **Automatic brightness**, which allows your IdeaTab to adjust screen brightness automatically according to ambient light.

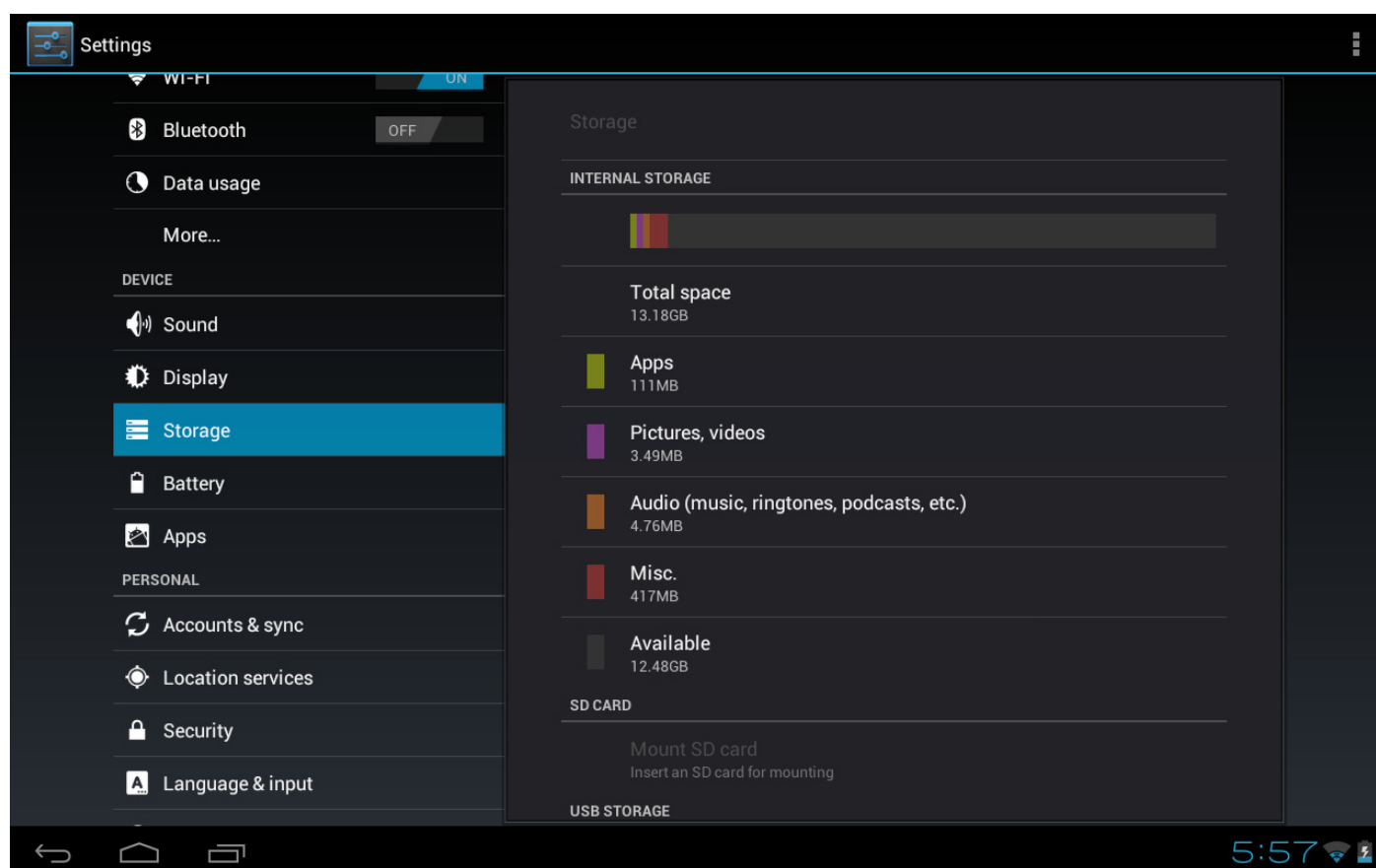
Wallpaper: You can select any picture from **Gallery**, **Live Wallpapers**, or **Wallpapers** as your wallpaper.

Sleep: This option allows you to select how long your IdeaTab's screen will remain illuminated without any activity before it is automatically locked to save power. You can set the time to: 15 seconds, 30 seconds, 1 minute, 2 minutes, 5 minutes, 10 minutes, or 30 minutes.

Font size: This option allows you to select the font size for the text displayed on the screen. You can set the font size to: Small, Normal, Large, or Extra large.

Storage

This option allows you to view internal storage, SD card storage, and USB device storage.
Nominal capacity calculation method: 1GB=1,000MB=1,000,000kB=1,000,000,000 bytes
Operating system calculation method: 1GB=1,024MB=1,048,576kB=1,073,741,824 bytes
The system itself occupies some space; therefore, the actual space available will be less than what is calculated.



Battery

Select this option to check battery usage data, remaining power status, and the history details of battery usage.

Apps

With this option, you can easily manage the selected applications.

You can also filter any running applications or applications provided by third-party software developers in the applications list.

After selecting an application, you will then be able to see its details and related information. You will also be able to perform functions such as: **Force stop**, **Disable**, **Clear cache**, and **Clear data**.

4-3 Personal

This setting includes: **Accounts & sync**, **Location services**, **Security**, **Language & input**, **Backup & reset**.

Accounts & sync

Adjust these options to change general sync settings and manage accounts.

General sync settings allow you to select background data and Auto-sync. Turn the switch on in the upper right of the screen to enable.

Account management settings enable you to add accounts or use an existing account. You can log in by using an existing account to view information in your account, or use advanced services and applications for the IdeaTab.

Location services

Here you can select how your IdeaTab determines its location, including: Use Google's location service, GPS satellites or Location & Google search.

Google's location service: Lets apps use data from sources such as Wi-Fi to determine your approximate location.

GPS satellites: Pinpoints your location by GPS.

Location & Google search: Improves your search results and other services.

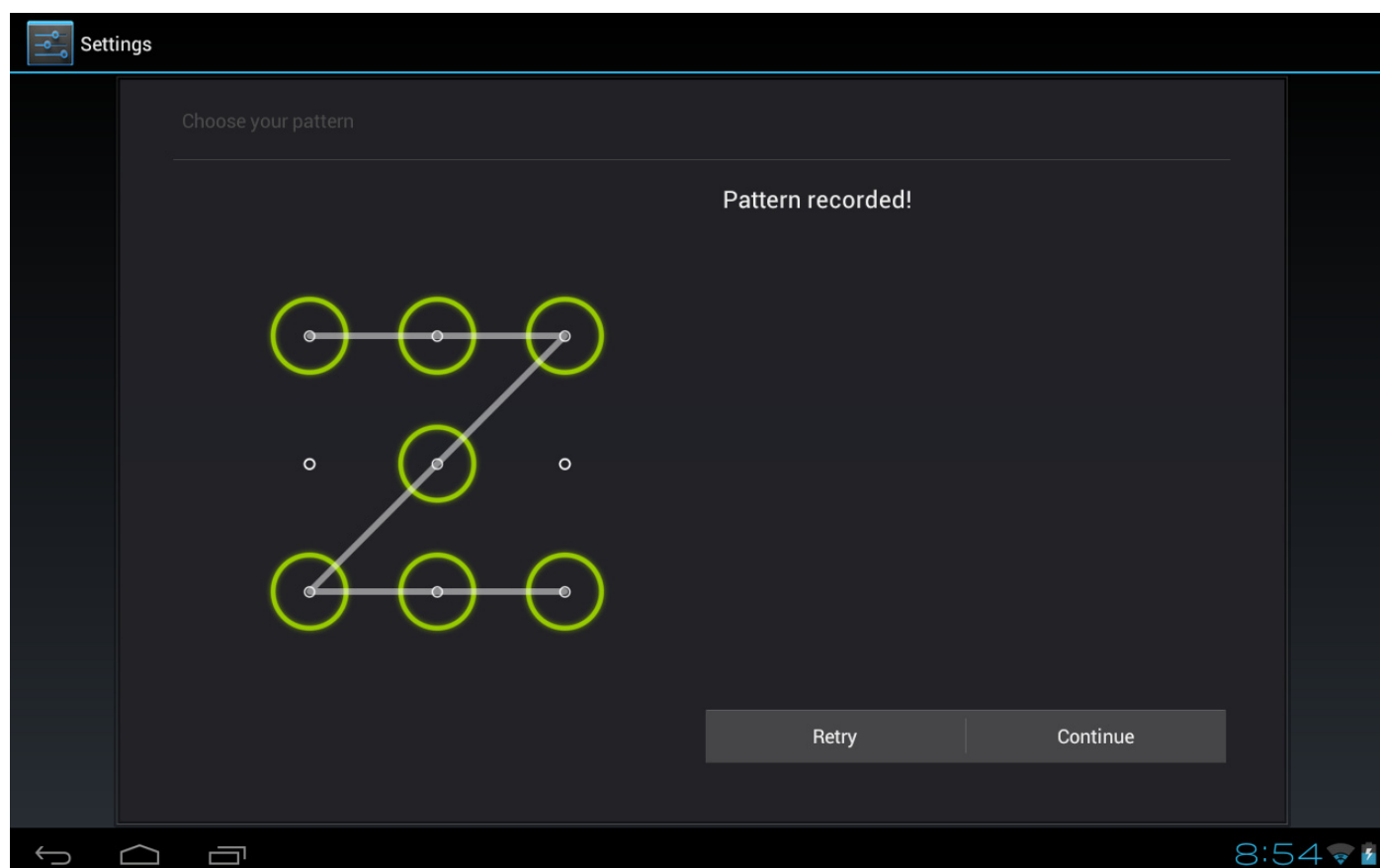
Security

Security settings include: **SCREEN SECURITY**, **ENCRYPTION**, **PASSWORDS**, **DEVICE ADMINISTRATION** and **CREDENTIAL STORAGE**.

SCREEN SECURITY: Here you can set the screen lock method and the owner information to be displayed on the lock screen.

- **Screen lock:** You can unlock the display in one of five ways: **Slide**, **Pattern**, **PIN**, and **Password**. You can deactivate the screen lock here by selecting **NONE** as well.

Tap **Pattern**, and use your finger on the screen (as illustrated) to draw an unlock pattern. Once you have set the unlock pattern, you will then be able to turn the **Make pattern visible** on/off.



After you have set and activated the pattern unlock function, the unlock keypad will be displayed whenever the display is to be unlocked. Use your finger to trace your preset pattern on the keypad. After the preset pattern has been correctly entered, the screen will be unlocked.

Tap **PIN** to input any numeric code (minimum 4 digits) you wish to use to unlock the display.

Tap **Password** to input any alphanumeric password (minimum 4 characters) you wish to use to unlock the display.

- **Owner info:** You can input any owner information you wish to display on the lock screen.

ENCRYPTION: You can encrypt your accounts, settings, downloaded apps and their data, media, and other files. After encryption, you will be required to input a numeric PIN or password to decrypt it each time you turn your IdeaTab on.

PASSWORDS: With this option, you can decide whether or not your chosen password will be visible when you input. If it is not selected, then your password will only be displayed as **** when you input it, thereby keeping your password more secure.

DEVICE ADMINISTRATION: Here you can set device administrator(s) for your IdeaTab or allow the installation of non-market apps.

- **Device administrators:** View or deactivate administrators.
- **Unknown sources:** Select this option to allow the installation of non-market apps.

CREDENTIAL STORAGE: This function allows your IdeaTab to access web pages and LANs for which a specific security certificate or another certificate is required.

- **Trusted credentials:** Select this option to display all the trusted CA certificates.
- **Install from SD card:** Install certificates from a SD card.
- **Clear credentials:** Select this option to delete all of your currently saved certificates.

Language & input

Language: Selects the language you wish to use to operate your IdeaTab.

Spelling correction: Turns on/off spelling corrections.

Personal dictionary: You can add new words or terms here to standardize them as accepted words on your IdeaTab.

KEYBOARD & INPUT METHODS: This option allows you to select and set the input method (including **Default**, **Android keyboard**, **GO Keyboard**, **Google voice typing**, **Japanese IME**, and **Google Pinyin input method**).

SPEECH: This option allows you to set the **Voice Search** options, including: language, SafeSearch settings, and whether or not to block offensive words. Here you can also set the preferred engine and general settings for **Text-to-speech output**.

MOUSE/TRACKPAD: Select this option to adjust the pointer speed of an external device.

Backup & reset

- **BACKUP & RESTORE:** This option backs up app data, Wi-Fi passwords, and other settings to Google's servers.
- **PERSONAL DATA:** Select this option to erase all personal data on the tablet.

4-4 System

Date & time

These settings allow you to set a number of time-related options,

including: enabling automatic date & time and time zone updates through a network (requires network support), setting a specific date and time, selecting a time zone manually, and selecting the format for displaying the time and date.

Accessibility

SERVICES: Tap **TalkBack** and turn the switch on to allow your Ideatab to provide spoken feedback to help blind and low-vision users.

SYSTEM: Options here include: setting a larger font size for displayed text, turning screen auto-rotation on or off, turning spoken passwords on or off, setting the touch & hold delay time, and selecting whether to allow the installation of web scripts or not.

Developer options

This option is only available to developers and allows you to set developer options available for particular applications.

- **USB debugging:** Activates debugging mode when connected by USB. Can be toggled on/off.
- **Development device ID:** Allows you to check the development device ID of your IdeaTab.
- **Stay awake:** Checking this box will cause the display to stay illuminated while the battery is being charged. Can be toggled on/off.
- **Allow mock locations:** Can be toggled on/off.
- **Desktop backup password:** Allows you to select a password to protect desktop backups.

USER INTERFACE: Here you can set a variety of user interface-related settings.

APPS: Here you can set app-related settings.

About tablet

Under this option, you can view the following information: **System updates**, **Status**, **Legal information**, **Model number**, **Android version**, **Kernel version**, and **Build number**.

4-5 Safety Information

Federal Communications Commission Declaration of Conformity

Lenovo Tablet PC and Model: 60016; 2290

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



European Community Compliance Statement



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 bodymounted 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 ≤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

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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.

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