



# Lenovo Flex 3

Flex 3-1120/Flex 3-1130

## User Guide



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

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## Notes

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- 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® 8.1. If you are using another 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 or your computer may include features that are not described in this user guide.
- The illustrations in this manual may differ from the actual product. Please refer to the actual product.

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## Regulatory Notice

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- For details, refer to **Guides & Manuals** at <http://support.lenovo.com>.

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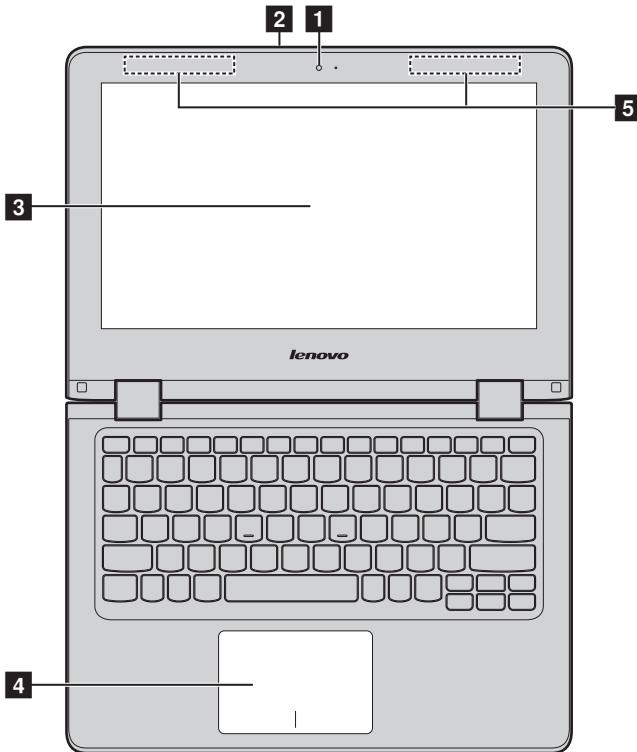
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# Chapter 1. Getting to know your computer

## ■ Top view



**Note:** The dashed areas indicate parts that are not visible externally.

### ◎ Attention:

- When closing the display panel, be careful *not* to leave pens or any other objects in between the display panel and the keyboard. Otherwise, the display panel may be damaged.

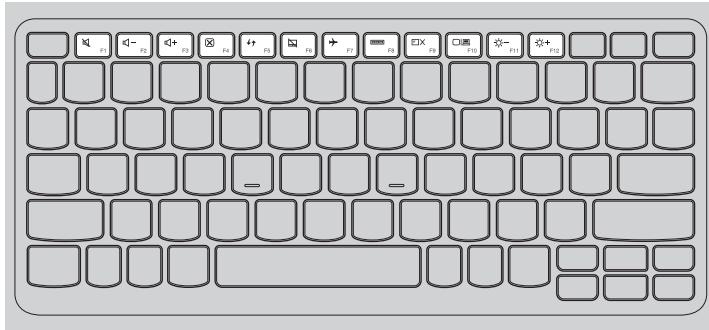
## Chapter 1. Getting to know your computer

- |  |  |
|--|--|
| <b>1 Integrated camera (on select models)</b>  | Use the camera for video communication.  |
| <b>2 Built-in microphones</b>  | Capture sound which can be used for video conferencing, voice narration, or audio recording.   |
| <b>3 Multi-touch screen</b>  | The LCD display with LED backlight provides brilliant visual output. Multi-touch function is available on this display.  |
| <b>4 Touch pad</b>   | The touch pad functions as a conventional mouse.<br><br><b>Touch pad:</b> To move the pointer on the screen, slide your fingertip over the pad in the direction in which you want the pointer to move.<br><b>Touch pad buttons:</b> The functions of the left/right side correspond to those of the left/right mouse button on a conventional mouse. |
| <p><b>Note:</b> You can enable/disable the touch pad by pressing F6 (  ).</p> |  |
| <b>5 Wireless LAN antennas</b>   | Connect to a wireless LAN adapter to send and receive wireless radio signals.  |

### ■ Using the keyboard

#### Hotkeys

You can access certain system settings quickly by pressing the appropriate hotkeys.



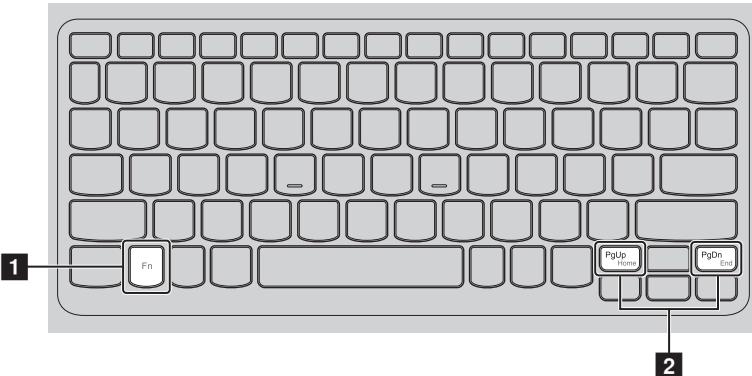
F1 :	Mutes/unmutes the sound.	F7 :	Enables/disables Airplane mode.
F2 :	Decreases the volume level.	F3 :	Displays all currently active apps.
F3 :	Increases the volume level.	F9 :	Turns on/off the backlight of the LCD screen.
F4 :	Closes the currently active window.	F10 :	Toggles the display between the computer and an external device.
F5 :	Refreshes the desktop or the currently active window.	F11 :	Decreases display brightness.
F6 :	Enables/disables the touch pad.	F12 :	Increases display brightness.

**Note:** If you changed the **Hotkey Mode** from **Enabled** to **Disabled** in the BIOS setup utility, you will need to press the Fn key in combination with the appropriate hotkey.

## Chapter 1. Getting to know your computer

### Function key combinations

Through the use of the function keys, you can change operational features instantly. To use this function, press and hold **Fn** **1**; then press one of the function keys **2**.



The following describes the features of each function key.

**Fn + PgUp:** Activates the Home function.

**Fn + PgDn:** Activates the End function.

### ■ Positioning the display panel

The display panel can be opened to any angle up to 360 degrees.



### Notebook Mode



Suitable for tasks that require a keyboard and mouse (such as creating documents, writing e-mails, and so on).

## **Chapter 1. Getting to know your computer**

### **Stand Mode (Theater Mode)**



Suitable for tasks that require little or no touch (such as viewing photos or playing videos).

### **Tablet Mode**



Suitable for tasks that require touching the screen often (such as surfing the Web, playing games, and so on).

### Tent Mode (Presentation Mode)



Suitable for tasks that require limited interaction with the touch screen (such as displaying graphs or PowerPoint presentations).

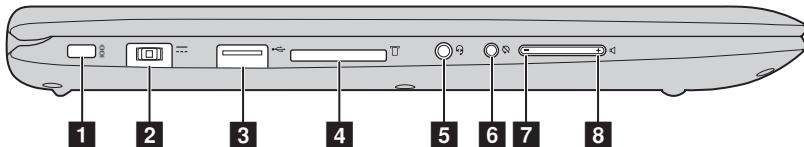
◎ **Attention:**

- Do *not* open the display with too much force, otherwise the panel or hinges may be damaged.

**Note:** The keyboard and touch pad are automatically locked when the screen is opened beyond 190 degrees (approximately).

## Chapter 1. Getting to know your computer

### ■ Left-side view



- 1 Kensington slot** Attach a security lock (not supplied) here to help protect your computer from theft and unauthorized use. You can attach a security lock to your computer to help prevent it from being removed without your permission. For details on installing the security lock, please refer to the instructions shipped with the security lock that you have purchased.
- 2 AC power adapter jack** Connects to the AC power adapter.
- 3 USB port** Connects to USB devices.
- Note:** For details, see "Connecting USB devices" on page 11.
- 4 Memory card slot** Insert memory cards (not supplied) here.
- Note:** For details, see "Using memory cards (not supplied)" on page 12.
- 5 Combo audio jack** Connects to headsets.

**Notes:**

- The combo audio jack does not support conventional microphones.
- The recording function may not be supported if third-party headphones or headsets are connected, due to different industry standards.

- 6 Rotation lock button** Keeps the screen locked in portrait or landscape orientation. Locking the screen rotation will disable the gravity sensing function, thereby preventing the screen from changing its orientation automatically depending upon the angle at which it is held.

**Note:** The screen rotation lock button will be disabled in notebook mode.

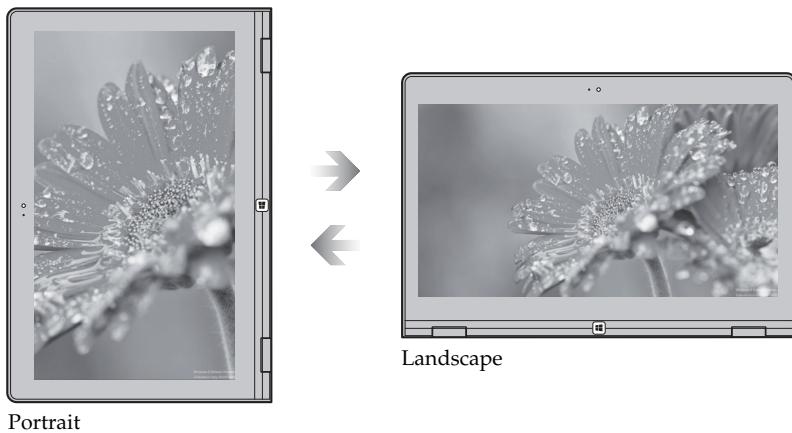
- 7 Volume down button** Decreases the volume level.
- 8 Volume up button** Increases the volume level.

## Chapter 1. Getting to know your computer

### ■ Screen orientation

You can rotate the display panel to your preferred orientation.

- The orientation of the display automatically changes (alternating between portrait and landscape modes) depending upon how you hold the computer.

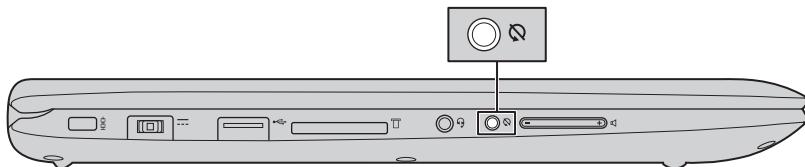


Portrait

Landscape

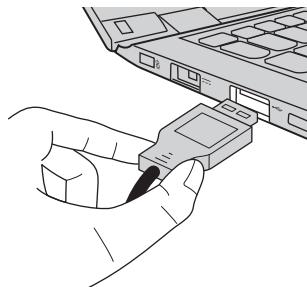
- To prevent automatic orientation, press the rotation lock button. It is located on the right edge of the computer (See illustration below).

**Note:** The screen rotation lock button will be disabled in notebook mode.



### ■ Connecting USB devices

You can connect a USB device to your computer by inserting its USB plug (Type A) into the USB port on your computer.



The first time you plug a USB device into a particular USB port on your computer, Windows automatically installs a driver for that device. After the driver has been installed, you can disconnect and reconnect the device without performing any additional steps.

**Note:** Typically, Windows detects a new device after it has been connected, and then installs the driver automatically. However, some devices may require you to install the driver before connecting. Check the documentation provided by the device's manufacturer before connecting the device.

Before disconnecting a USB storage device, make sure your computer has finished transferring data to that device. Click the **Safely Remove Hardware and Eject Media** icon in the Windows notification area to remove the device before disconnecting.

**Note:** If your USB device uses a power cord, connect the device to a power source before connecting it. Otherwise, the device may not be recognized.

## **Chapter 1. Getting to know your computer**

### **■ Using memory cards (not supplied)**

Your computer supports the following types of memory cards:

- Secure Digital (SD) card
- Secure Digital High Capacity (SDHC) card
- SD eXtended Capacity (SDXC) card
- MultiMediaCard (MMC)

**Notes:**

- Insert *only* one card in the slot at a time.
- This card reader does not support SDIO devices (e.g., SDIO Bluetooth, etc.).

### **Inserting a memory card**

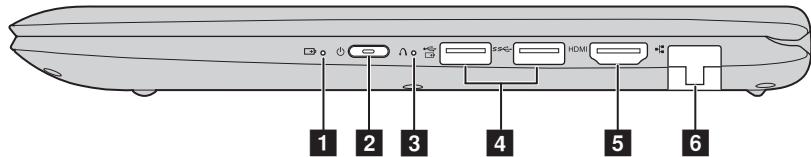
Insert the memory card until it touches the bottom of the slot.

### **Removing a memory card**

Gently pull the memory card out of the memory card slot.

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

### ■ Right-side view



#### 1 Battery status indicator

- 2 Power button and power status indicator      Press this button to turn on the computer.

Indicator	Indicator status	Meaning
Battery status indicator	On (solid white)	The battery has more than 20% charge.
	Solid amber	The battery has between 5% and 20% charge.
	Fast blinking amber	The battery has less than 5% charge.
	Slow blinking amber	The battery is being charged. When battery charge reaches 20%, the blinking color changes to white.
	Slow blinking white	The battery has between 20% and 80% charge and is still charging. When the battery reaches 80% charge the light will stop blinking, but charging will continue until the battery is fully charged.
Power status indicator	On (solid white)	The computer is powered on.
	Blinking	The computer is in sleep mode.
	Off	The computer is powered off.

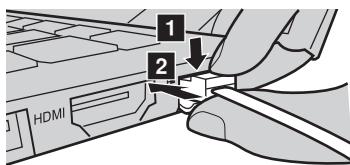
## Chapter 1. Getting to know your computer

<b>3</b>	<b>Novo button</b>	When the computer is off, press this button to start the Lenovo OneKey Recovery system or the BIOS setup utility, or to enter the boot menu.
<b>4</b>	<b>USB port</b>	Connects to USB devices.
<b>Notes:</b>		
<ul style="list-style-type: none"><li>• If the battery charge is more than 20%, the USB port with a  mark supports charging of an external USB device, even when the computer is turned off.</li><li>• The blue port supports USB 3.0.</li><li>• For details, see “Connecting USB devices” on page 11.</li></ul>		
<b>5</b>	<b>HDMI port</b>	Connects to devices with HDMI input such as a TV or a display.
<b>6</b>	<b>RJ-45 port</b>	Connects the computer to an Ethernet network.

### ■ Connecting network cables

To insert a network cable, do the following:

- ❶ Hold one connector of the network cable to press the RJ-45 cover down gently **1**.
- ❷ Insert the connector into the RJ-45 port **2**.



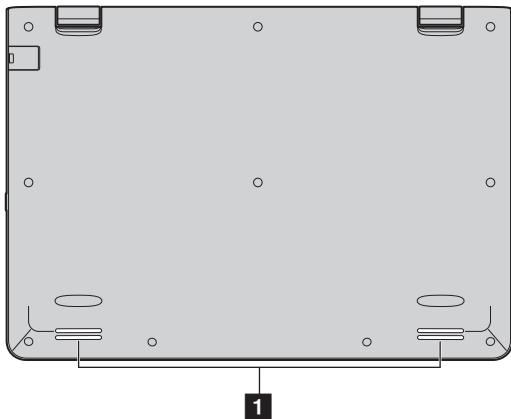
### ■ Software configuration

Consult your Internet Service Provider (ISP) for details on how to configure your computer.

## Chapter 1. Getting to know your computer

### ■ ■ Bottom view

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#### 1 Speakers

Provide audio output.

# Chapter 2. Starting to use Windows 8.1

## ■ Configuring the operating system for the first time

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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

## ■ Operating system interfaces

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Windows 8.1 comes with two main user interfaces: the Start screen and the Windows desktop.

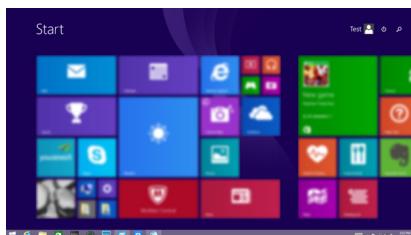
To switch from the Start screen to the Windows desktop, do one of the following:

- Select the Windows desktop tile on the Start screen.
- Press the Windows button.
- Press the Windows key  + D.

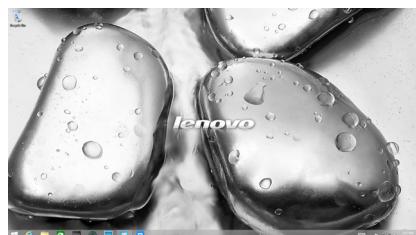
To switch from the desktop to the Start screen, do one of the following:

- Select **Start**  from the charms bar.
- Press the Windows key .
- Move the cursor to the lower-left corner, and then select the Start button.

**Start screen**



**Desktop**



## Chapter 2. Starting to use Windows 8.1

### ■ ■ The charms

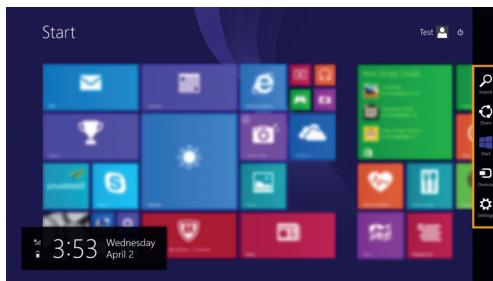
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**Charms** are navigation buttons that let you control your Windows® 8.1 experience. Charms include: Search, Share, Start, Devices, and Settings. The **charms bar** is the menu that contains the charms.

The five charms provide new and faster ways to perform many basic tasks, and are always available regardless of whichever app you are currently in.

To display the charms, do one of the following:

- Move the cursor to the upper-right or lower-right corner until the charms bar is displayed.
- Use one finger to swipe in from the right edge of the screen until the charms bar is displayed.
- Press the Windows key  + C.



### Search charm

The **Search** charm is a powerful new way to find what you are looking for, including settings, files, Web images, Web videos, etc.



### Share charm

The **Share** charm lets you send links, photos, and more to your friends and social networks without leaving the app you are in.

### Start charm

The **Start** charm is a fast way to go to the Start screen.

### Devices charm

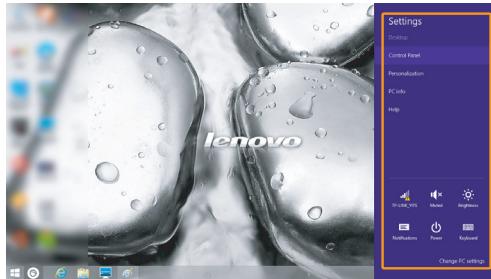
The **Devices** charm allows you to connect or send files to any external devices, including the devices to play, print, and project.

## Chapter 2. Starting to use Windows 8.1



### Settings charm

The **Settings** charm lets you perform basic tasks, such as setting the volume or shutting down the computer. Also, you can get to the Control Panel through the **Settings** charm when on the Desktop screen.



## ■ Putting the computer to sleep or shutting it down

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When you have finished working with your computer, you can put it to sleep or shut it down.

### ■ Putting your computer to sleep

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

When the computer is in sleep mode, you can quickly wake it to resume use, bypassing the startup process.

To put the computer to sleep, do one of the following:

- Close the display lid.
- Press the power button.
- Open the charms bar and then select **Settings**  → **Power**  → **Sleep**.

**Note:** Put your computer to sleep before you move it. Moving your computer while the hard disk drive is spinning can damage the hard disk, causing loss of data.

To wake the computer, do one of the following:

- Press any key on the keyboard. (Notebook mode only)
- Press the power button.
- Press the Windows button.

## Chapter 2. Starting to use Windows 8.1

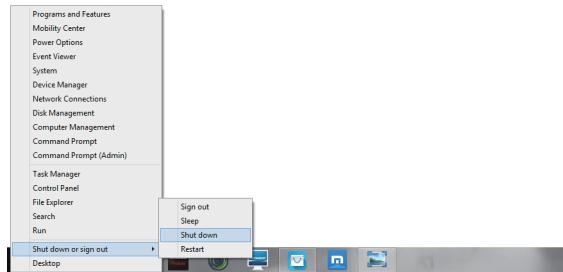
### ■ Shutting down the computer

If you are not going to use your computer for a long time, shut it down.  
To shut down your computer, do one of the following:

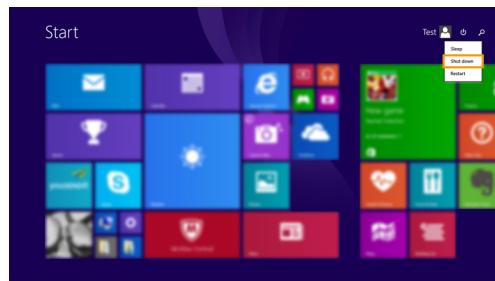
- Open the charms bar and then select **Settings**  → **Power**  → **Shut down**.



- Right-click the Start button in the lower-left corner and select **Shut down or sign out → Shut down**.



- On the Start screen, click  and select **Shut down**.



**Note:** This operation depends on your BIOS settings. Please refer to the actual product.

### ■ ■ Touch screen operation

The display panel can accept inputs like a tablet, using the multi-touch screen, or like a traditional notebook computer, using the keyboard and touch pad.

#### ■ Multi-touch gestures

You can touch the screen with one or more fingertips to perform a variety of tasks.

Frequently used gestures	Tasks performed
<b>Tap</b> Tap once on an item. 	Performs an action, such as starting an app, opening a link, or performing a command. Similar to left-clicking with a mouse.
<b>Press and hold</b> Press your finger down and leave it there for a moment. 	Allows you to see detailed information before selecting an action. Can also open a menu with more options. Similar to right-clicking with a mouse.

(continued)

Frequently used gestures	Tasks performed
<p><b>Zoom</b> Move two fingers together or apart while touching the screen.</p> 	Zooms in and out on visual apps, such as pictures and maps. Can also jump to the beginning or end of a list.
<p><b>Rotate</b> Place two or more fingers on an item and then turn your hand.</p> 	Turns an object. (Note: Not all items can be rotated, depending upon the app.)
<p><b>Slide</b> Drag your finger across the screen.</p> 	Pans or scrolls through lists and pages. Can also move an object or be used to draw or write, depending upon the app. Similar to pressing and holding to pan and to scrolling with a mouse.

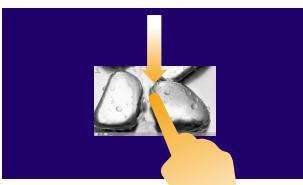
## Chapter 2. Starting to use Windows 8.1

(continued)

### Frequently used gestures

#### Swipe

Start from any edge of the screen, then swipe inwards toward the center.



### Tasks performed

Swiping down from the top edge or up from the bottom edge displays a task bar on the bottom of the screen with app commands, including New, Refresh, and other commands.

If you have an app currently open, you can also:

- Swipe from the top edge to halfway down the screen without lifting your finger to dock that app on the left or right side of the screen. This allows you to keep two apps open simultaneously in a split-screen format.
- Swipe from the top edge straight down to the bottom edge of the screen continuously without lifting your finger to close the currently open app.

(continued)

Frequently used gestures	Tasks performed
	<p>Swiping in from the left edge can:</p> <ul style="list-style-type: none"><li>• Bring in and open an app currently running in the background.</li></ul> <p>If there is more than one currently open app, you can:</p> <ul style="list-style-type: none"><li>• Swipe in from the left to bring in an app and, without lifting your finger, push that app quickly back off the left edge of the screen. This displays a list of the apps currently running in the background.</li></ul>
	<p>Swiping in from the right edge of the screen displays the charms.</p>

### ■■ Connecting to a wireless network

#### Enabling wireless connection

To enable wireless functions, do one of the following:

- Press  to disable airplane mode.
- Open the charms bar and select **Settings**  →  to open the network configuration page. Then toggle the airplane mode switch to **Off**.

#### Connecting to a wireless network

After wireless has been enabled, the computer will automatically scan for available wireless networks and display them in the wireless network list. To connect to a wireless network, click the network name in the list, and then click **Connect**.

**Note:** Some networks require a network security key or passphrase for connection. To connect to one of those networks, ask the network administrator or the Internet service provider (ISP) for the security key or passphrase.



### ■ Help and support

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If you have a problem with the operating system, see the Windows Help and Support file. To open the Windows Help and Support file, do one of the following:

- Select **Settings** charm, then select **Help**.
- Press **Fn + F1** (depending on your keyboard layout)

You can read the Windows Help and Support file on your computer. You can also get online help and support by clicking on one of the two links listed under **More to explore**.

**Note:** Windows 8.1 also provides an app, **Help+Tips**. You can find it on the Start screen, to learn more information on new features of Windows 8.1.

# Chapter 3. Lenovo OneKey Recovery system

The Lenovo OneKey Recovery system is software designed to back up and restore your computer. You can use it to restore the system partition to its original status in case of a system failure. You can also create user backups for easy restoration as required.

**Notes:**

- If your computer is preinstalled with a GNU/Linux operating system, OneKey Recovery system is not available.
- To utilize the features of the OneKey Recovery system, your hard disk already includes a hidden partition by default to store the system image file and the OneKey Recovery system program files. This default partition is hidden for security reasons, which explains why the available disk space is less than the stated capacity.

## Backing up the system partition

You can back up the system partition to an image file. This image file can be used to restore the system partition. To back up the system partition:

- ① In Windows, press the Novo button or double-click OneKey Recovery icon to start the Lenovo OneKey Recovery system.
- ② Click **System Backup**.
- ③ Select a back-up location and click **Next** to start the backup.

**Notes:**

- You can choose a back-up location on the local hard disk drive or an external storage device.
- Remove the removable hard disk drive before starting the Lenovo OneKey Recovery system. Otherwise, data from the removable hard disk drive might be lost.
- The back-up process may take a while.
- The back-up process is only available when Windows can be started normally.

### ■ Restoring

You can choose to restore the system partition to its original status or to a previously created back-up point. To restore the system partition:

- ① In Windows, press the Novo button or double-click OneKey Recovery icon to start the Lenovo OneKey Recovery system.
- ② Click **System Recovery**. The computer will restart to the recovery environment.
- ③ Follow the on-screen instructions to restore the system partition to its original status or to a previously created back-up point.

**Notes:**

- The recovery process is irreversible. Make sure to back up any data you wish to save on the system partition before starting the recovery process.
- The recovery process may take a while. So be sure to connect the AC power adapter to your computer during the recovery process.
- The above instructions should be followed when Windows can be started normally.

If Windows cannot be started, then follow the steps below to start the Lenovo OneKey Recovery system:

- ① Shut down the computer.
- ② Press the Novo button. From the **Novo Button Menu**, select **System recovery** and press Enter.

# **Chapter 4. Troubleshooting**

## **■ ■ Frequently asked questions**

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This section lists frequently asked questions by category.

### **■ Finding information**

#### **What safety precautions should I follow when using my computer?**

The *Lenovo Safety and General Information Guide* which came with your computer contains safety precautions for using your computer. Read and follow all the precautions when using your computer.

#### **Where can I find the hardware specifications for my computer?**

You can find hardware specification for your computer on the printed flyers which came with your computer.

#### **Where can I find warranty information?**

For the warranty applicable to your computer, including the warranty period and type of warranty service, see the Lenovo limited warranty flyer that came with your computer.

### **■ Drivers and preinstalled software**

#### **Where are the installation discs for Lenovo preinstalled software (desktop software)?**

Your computer did not come with installation discs for Lenovo preinstalled software. If you need to reinstall any preinstalled software, first check the installation program on the C partition of your hard disk. If you cannot find the installation program there, you can also download it from the Lenovo consumer support website.

#### **Where can I find drivers for the various hardware devices of my computer?**

If your computer is preinstalled with a Windows operating system, first check the installation program on the C partition of your hard disk. If you cannot find the drivers for all the hardware devices that you need there, download the drivers from the Lenovo consumer support website.

### ■ Lenovo OneKey Recovery system

#### Where are the recovery discs?

Your computer did not come with recovery discs. Use the Lenovo OneKey Recovery system if you need to restore the system to its factory status.

#### What can I do if the back-up process fails?

If you can start the backup but it fails during the back-up process, try the following steps:

- ① Close all open programs, and then restart the back-up process.
- ② Check to see if the destination media is damaged. Select another path and then try again.

#### When do I need to restore the system to its factory status?

Use this feature when the operating system fails to start up. If there is critical data on the system partition, back it up before starting recovery.

### ■ BIOS setup utility

#### What is the BIOS setup utility?

The BIOS setup utility is ROM-based software. It displays basic computer information and provides options for setting boot devices, security, hardware mode, and other preferences.

#### How can I start the BIOS setup utility?

To start the BIOS setup utility:

- ① Shut down the computer.
- ② Press the Novo button and then select **BIOS Setup**.

#### How can I change the boot mode?

There are two boot modes: **UEFI** and **Legacy Support**. To change the boot mode, start the BIOS setup utility and set boot mode to **UEFI** or **Legacy Support** on the boot menu.

#### When do I need to change the boot mode?

The default boot mode for your computer is **UEFI** mode. If you need to install a legacy operating system, such as Windows, Linux or Dos, etc (that is, any operating system before Windows 8) on your computer, you must change the boot mode to **Legacy Support**. The legacy operating system, such as Windows, Linux or Dos, etc cannot be installed if you don't change the boot mode.

## **Chapter 4. Troubleshooting**

### **■ Getting help**

#### **How can I contact the customer support center?**

See “Chapter 3. Getting help and service” in the *Lenovo Safety and General Information Guide*.

### Troubleshooting

#### Display problems

When I turn on the computer, nothing appears on the screen.

- If the screen is blank, make sure that:
  - The AC power adapter is connected to the computer, and the power cord is plugged into a working electrical outlet.
  - The computer power is on. Press the Power button again for confirmation.
- If these items are set correctly, and the screen remains blank, have the computer serviced.

When I turn on the computer, only a white cursor appears on a blank screen.

- Restore backed-up files to your Windows environment or the entire contents of your hard disk to its original factory contents using the Lenovo OneKey Recovery system. If you still see only the cursor on the screen, have the computer serviced.
- Your power management is enabled. Do one of the following to resume from sleep mode:
  - Press any key on the keyboard. (Notebook mode only)
  - Press the Power button.
  - Press F9 ( ) to confirm whether the backlight of the LCD screen has been turned off.

#### Sleep problems

The critical low-battery error message appears, and the computer immediately turns off.

- The battery power is getting low. Connect the AC power adapter to the computer.

The computer enters sleep mode immediately after Power-on.

- Make sure that:
  - The battery is charged.
  - The operating temperature is within the acceptable range. See "Chapter 2. Use and care Information" in the *Lenovo Safety and General Information Guide*.

**Note:** If the battery is charged and the temperature is within range, have the computer serviced.

## Chapter 4. Troubleshooting

The computer does not return from sleep mode and the computer does not work.

- If your computer is in sleep mode, connect the AC power adapter to the computer, then press the Windows button or the Power button.
- If the system still does not return from sleep mode, your system has stopped responding, and you cannot turn off the computer; reset the computer. Unsaved data may be lost. To reset the computer, press and hold the Power button for eight seconds or more. If the computer still does not reset, remove the AC power adapter.

### Display panel problems

The screen is blank.

- Do the following:
  - If you are using the AC power adapter or the battery, and the battery status indicator is on, press F12 ( ) to make the screen brighter.
  - If the power indicator is blinking, press the Power button to resume from sleep mode.
  - Press F9 ( ) to confirm whether the backlight of the LCD screen has been turned off.
  - If the problem persists, follow the solution in the next problem "The screen is unreadable or distorted."

The screen is unreadable or distorted.

- Make sure that:
  - The screen resolution and color quality are correctly set.
  - The monitor type is correct.

Incorrect characters appear on the screen.

- Is the operating system or programs installed correctly? If they are installed and configured correctly, have the computer serviced.

### Sound problems

No sound can be heard from the speakers even when the volume is turned up.

- Make sure that:
  - The Mute function is off.
  - The combo audio jack is not being used.
  - Speakers are selected as the playback device.

### Battery problems

Your computer shuts down before the battery status indicator shows empty.

-or-

Your computer operates after the battery status indicator shows empty.

- Recharge the battery.

### Other problems

Your computer does not respond.

- To turn off your computer, press and hold the Power button for eight seconds or more. If the computer still does not respond, remove the AC power adapter.
- Your computer might lock when it enters sleep mode during a communication operation. Disable the sleep timer when you are working on the network.

The connected external device does not work.

- Do *not* connect or disconnect any external device cables other than USB while the computer power is on. Otherwise, you might damage your computer.
- When using high power consumption external devices, such as an external USB optical disk drive, use an external device power adapter. Otherwise, the device may not be recognized, or the system may shut down as a result.

## **Trademarks**

The following terms are trademarks or registered trademarks of Lenovo in the United States, other countries, or both.

Lenovo  
OneKey

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

Other company, products, or service names may be trademarks or service marks of others.

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en-US  
Rev. AA00

## Lenovo limited warranty

**L505-0010-02 08/2011**

This Lenovo Limited Warranty consists of the following parts:

**Part 1 - General Terms**

**Part 2 - Country-specific Terms**

**Part 3 - Warranty Service Information**

The terms of **Part 2** replace or modify terms of **Part 1** as specified for a particular country.

### ■ **Part 1 - General Terms**

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This Lenovo Limited Warranty applies only to Lenovo hardware products you purchased for your own use and not for resale.

This Lenovo Limited Warranty is available in other languages at [www.lenovo.com/warranty](http://www.lenovo.com/warranty).

### ■ **What this Warranty Covers**

Lenovo warrants that each Lenovo hardware product that you purchase is free from defects in materials and workmanship under normal use during the warranty period. The warranty period for the product starts on the original date of purchase as shown on your sales receipt or invoice or as may be otherwise specified by Lenovo. The warranty period and type of warranty service that apply to your product are as specified in "**Part 3 - Warranty Service Information**" below. This warranty only applies to products in the country or region of purchase.

**THIS WARRANTY IS YOUR EXCLUSIVE WARRANTY AND REPLACES ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. AS SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF EXPRESS OR IMPLIED WARRANTIES, THE ABOVE EXCLUSION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES APPLY ONLY TO THE EXTENT AND FOR SUCH DURATION AS REQUIRED BY LAW AND ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. AS SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, THE ABOVE LIMITATION ON DURATION MAY NOT APPLY TO YOU.**

## **Lenovo limited warranty**

### **■ How to Obtain Warranty Service**

If the product does not function as warranted during the warranty period, you may obtain warranty service by contacting Lenovo or a Lenovo approved Service Provider. A list of approved Service Providers and their telephone numbers is available at: [www.lenovo.com/support/phone](http://www.lenovo.com/support/phone).

Warranty service may not be available in all locations and may differ from location to location. Charges may apply outside a Service Provider's normal service area. Contact a local Service Provider for information specific to your location.

### **■ Customer Responsibilities for Warranty Service**

Before warranty service is provided, you must take the following steps:

- follow the service request procedures specified by the Service Provider
- backup or secure all programs and data contained in the product
- provide the Service Provider with all system keys or passwords
- provide the Service Provider with sufficient, free, and safe access to your facilities to perform service
- remove all data, including confidential information, proprietary information and personal information, from the product or, if you are unable to remove any such information, modify the information to prevent its access by another party or so that it is not personal data under applicable law. The Service Provider shall not be responsible for the loss or disclosure of any data, including confidential information, proprietary information, or personal information, on a product returned or accessed for warranty service
- remove all features, parts, options, alterations, and attachments not covered by the warranty
- ensure that the product or part is free of any legal restrictions that prevent its replacement
- if you are not the owner of a product or part, obtain authorization from the owner for the Service Provider to provide warranty service

## ■ **What Your Service Provider Will Do to Correct Problems**

When you contact a Service Provider, you must follow the specified problem determination and resolution procedures.

The Service Provider will attempt to diagnose and resolve your problem by telephone, e-mail or remote assistance. The Service Provider may direct you to download and install designated software updates.

Some problems may be resolved with a replacement part that you install yourself called a "Customer Replaceable Unit" or "CRU." If so, the Service Provider will ship the CRU to you for you to install.

If your problem cannot be resolved over the telephone; through the application of software updates or the installation of a CRU, the Service Provider will arrange for service under the type of warranty service designated for the product under "**Part 3 - Warranty Service Information**" below.

If the Service Provider determines that it is unable to repair your product, the Service Provider will replace it with one that is at least functionally equivalent.

If the Service Provider determines that it is unable to either repair or replace your product, your sole remedy under this Limited Warranty is to return the product to your place of purchase or to Lenovo for a refund of your purchase price.

## ■ **Replacement Products and Parts**

When warranty service involves the replacement of a product or part, the replaced product or part becomes Lenovo's property and the replacement product or part becomes your property. Only unaltered Lenovo products and parts are eligible for replacement. The replacement product or part provided by Lenovo may not be new, but it will be in good working order and at least functionally equivalent to the original product or part. The replacement product or part shall be warranted for the balance of the period remaining on the original product.

## **Lenovo limited warranty**

### **■ Use of Personal Contact Information**

If you obtain service under this warranty, you authorize Lenovo to store, use and process information about your warranty service and your contact information, including name, phone numbers, address, and e-mail address. Lenovo may use this information to perform service under this warranty. We may contact you to inquire about your satisfaction with our warranty service or to notify you about any product recalls or safety issues. In accomplishing these purposes, you authorize Lenovo to transfer your information to any country where we do business and to provide it to entities acting on our behalf. We may also disclose it where required by law. Lenovo's privacy policy is available at [www.lenovo.com/](http://www.lenovo.com/).

### **■ What this Warranty Does not Cover**

This warranty does not cover the following:

- uninterrupted or error-free operation of a product
- loss of, or damage to, your data by a product
- any software programs, whether provided with the product or installed subsequently
- failure or damage resulting from misuse, abuse, accident, modification, unsuitable physical or operating environment, natural disasters, power surges, improper maintenance, or use not in accordance with product information materials
- damage caused by a non-authorized service provider
- failure of, or damage caused by, any third party products, including those that Lenovo may provide or integrate into the Lenovo product at your request
- any technical or other support, such as assistance with "how-to" questions and those regarding product set-up and installation
- products or parts with an altered identification label or from which the identification label has been removed

### **■ Limitation of Liability**

Lenovo is responsible for loss or damage to your product only while it is in the Service Provider's possession or in transit, if the Service Provider is responsible for the transportation.

Neither Lenovo nor the Service Provider is responsible for loss or disclosure of any data, including confidential information, proprietary information, or personal information, contained in a product.

UNDER NO CIRCUMSTANCES, AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY SET FORTH HEREIN, SHALL LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS, OR SERVICE PROVIDERS BE LIABLE FOR ANY OF THE FOLLOWING EVEN IF INFORMED OF THEIR POSSIBILITY AND REGARDLESS OF WHETHER THE CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY OF LIABILITY: 1) THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES; 2) LOSS, DAMAGE OR DISCLOSURE OF YOUR DATA; 3) SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS. IN NO CASE SHALL THE TOTAL LIABILITY OF LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS OR SERVICE PROVIDERS FOR DAMAGES FROM ANY CAUSE EXCEED THE AMOUNT OF ACTUAL DIRECT DAMAGES, NOT TO EXCEED THE AMOUNT PAID FOR THE PRODUCT.

THE FOREGOING LIMITATIONS DO NOT APPLY TO DAMAGES FOR BODILY INJURY (INCLUDING DEATH), DAMAGE TO REAL PROPERTY OR DAMAGE TO TANGIBLE PERSONAL PROPERTY FOR WHICH LENOVO IS LIABLE UNDER LAW.

AS SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

## ■ Your Other Rights

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS ACCORDING TO THE APPLICABLE LAWS OF YOUR STATE OR JURISDICTION. YOU MAY ALSO HAVE OTHER RIGHTS UNDER A WRITTEN AGREEMENT WITH LENOVO. NOTHING IN THIS WARRANTY AFFECTS STATUTORY RIGHTS, INCLUDING RIGHTS OF CONSUMERS UNDER LAWS OR REGULATIONS GOVERNING THE SALE OF CONSUMER GOODS THAT CANNOT BE WAIVED OR LIMITED BY CONTRACT.

## **Lenovo limited warranty**

### **■ ■ Part 2 - Country-specific Terms**

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#### **Australia**

"Lenovo" means Lenovo (Australia & New Zealand) Pty Limited ABN 70 112 394 411. Address: Level 10, North Tower, 1-5 Railway Street, Chatswood, NSW, 2067. Telephone: +61 2 8003 8200. Email: lensyd\_au@lenovo.com

*The following replaces the same section in Part 1:*

#### **■ What this Warranty Covers:**

Lenovo warrants that each hardware product that you purchase is free from defects in materials and workmanship under normal use and conditions during the warranty period. If the product fails due to a covered defect during the warranty period, Lenovo will provide you a remedy under this Limited Warranty. The warranty period for the product starts on the original date of purchase specified on your sales receipt or invoice unless Lenovo informs you otherwise in writing. The warranty period and type of warranty service that apply to your product are set forth below in **Part 3 - Warranty Service Information**.

**THE BENEFITS GIVEN BY THIS WARRANTY ARE IN ADDITION TO YOUR RIGHTS AND REMEDIES AT LAW, INCLUDING THOSE UNDER THE AUSTRALIAN CONSUMER LAW.**

*The following replaces the same section in Part 1:*

#### **■ Replacement Products and Parts:**

When warranty service involves the replacement of a product or part, the replaced product or part becomes Lenovo's property and the replacement product or part becomes your property. Only unaltered Lenovo products and parts are eligible for replacement. The replacement product or part provided by Lenovo may not be new, but it will be in good working order and at least functionally equivalent to the original product or part. The replacement product or part shall be warranted for the balance of the period remaining on the original product. Products and parts presented for repair may be replaced by refurbished products or parts of the same type rather than being repaired. Refurbished parts may be used to repair the product; and repair of the product may result in loss of data, if the product is capable of retaining user-generated data.

*The following is added to the same section in Part 1:*

■ **Use of Personal Contact Information:**

Lenovo will not be able to perform our service under this warranty if you refuse to provide your information or do not wish us to transfer your information to our agent or contractor. You have the right to access your personal contact information and request correction of any errors in it pursuant to the Privacy Act 1988 by contacting Lenovo.

*The following replaces the same section in Part 1:*

■ **Limitation of Liability:**

Lenovo is responsible for loss or damage to your product only while it is in the Service Provider's possession or in transit, if the Service Provider is responsible for the transportation.

Neither Lenovo nor the Service Provider is responsible for loss or disclosure of any data, including confidential information, proprietary information, or personal information, contained in a product.

**TO THE EXTENT PERMITTED BY LAW, UNDER NO CIRCUMSTANCES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY SET FORTH HEREIN, SHALL LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS, OR SERVICE PROVIDERS BE LIABLE FOR ANY OF THE FOLLOWING EVEN IF INFORMED OF THEIR POSSIBILITY AND REGARDLESS OF WHETHER THE CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY OF LIABILITY: 1) THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES; 2) LOSS, DAMAGE OR DISCLOSURE OF YOUR DATA; 3) SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS. IN NO CASE SHALL THE TOTAL LIABILITY OF LENOVO, ITS AFFILIATES, SUPPLIERS, RESELLERS OR SERVICE PROVIDERS FOR DAMAGES FROM ANY CAUSE EXCEED THE AMOUNT OF ACTUAL DIRECT DAMAGES, NOT TO EXCEED THE AMOUNT PAID FOR THE PRODUCT.**

## **Lenovo limited warranty**

**THE FOREGOING LIMITATIONS DO NOT APPLY TO DAMAGES FOR BODILY INJURY (INCLUDING DEATH), DAMAGE TO REAL PROPERTY OR DAMAGE TO TANGIBLE PERSONAL PROPERTY FOR WHICH LENOVO IS LIABLE UNDER LAW.**

*The following replaces the same section in Part 1:*

### **■ Your Other Rights:**

**THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU ALSO HAVE OTHER RIGHTS AT LAW, INCLUDING UNDER THE AUSTRALIAN CONSUMER LAW. NOTHING IN THIS WARRANTY AFFECTS STATUTORY RIGHTS OR RIGHTS AT LAW, INCLUDING RIGHTS THAT CANNOT BE WAIVED OR LIMITED BY CONTRACT.**

For example, our products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the products repaired or replaced if the products fail to be of acceptable quality and the failure does not amount to a major failure.

## **New Zealand**

*The following is added to the same section in Part 1:*

### **■ Use of Personal Information:**

Lenovo will not be able to perform our service under this warranty if you refuse to provide your information or do not wish us to transfer your information to our agent or contractor. You have the right to access your personal information and request correction of any errors in it pursuant to the Privacy Act 1993 by contacting Lenovo (Australia & New Zealand) Pty Limited ABN 70 112 394 411. Address: Level 10, North Tower, 1-5 Railway Street, Chatswood, NSW, 2067. Telephone: 61 2 8003 8200. Email: lensyd\_au@lenovo.com

## **Bangladesh, Cambodia, India, Indonesia, Nepal, Philippines, Vietnam and Sri Lanka**

*The following is added to Part 1:*

## ■ **Dispute Resolution**

Disputes arising out of or in connection with this warranty shall be finally settled by arbitration held in Singapore. This warranty shall be governed, construed and enforced in accordance with the laws of Singapore, without regard to conflict of laws. If you acquired the product in **India**, disputes arising out of or in connection with this warranty shall be finally settled by arbitration held in Bangalore, India. Arbitration in Singapore shall be held in accordance with the Arbitration Rules of Singapore International Arbitration Center ("SIAC Rules") then in effect. Arbitration in India shall be held in accordance with the laws of India then in effect. The arbitration award shall be final and binding on the parties without appeal. Any award shall be in writing and set forth the findings of fact and the conclusions of law. All arbitration proceedings, including all documents presented in such proceedings shall be conducted in the English language. The English language version of this warranty prevails over any other language version in such proceedings.

## ■ **European Economic Area (EEA)**

*The following is added to Part 1:*

Customers in the EEA may contact Lenovo at the following address: EMEA Service Organisation, Lenovo (International) B.V., Floor 2, Einsteinova 21, 851 01, Bratislava, Slovakia. Service under this warranty for Lenovo hardware products purchased in EEA countries may be obtained in any EEA country in which the product has been announced and made available by Lenovo.

## **Russia**

*The following is added to Part 1:*

## **Product Service Life**

The product service life is four (4) years from the original date of purchase.

## Lenovo limited warranty

### Part 3 - Warranty Service Information

Product or machine type	Country or region of purchase	Warranty period	Types of warranty service
Notebook: 80LX 80LY	Australia, New Zealand, Japan		
	Austria, Lithuania, Latvia, France, Germany, Israel, Ireland, Italy, Switzerland, the United Kingdom, Iceland		
	Hungary, Romania, Bulgaria		
	Canada		
	China (Hong Kong S.A.R.), China (Macau S.A.R.), Singapore, Malaysia, Thailand, Vietnam, Indonesia, Philippines, India, Sri Lanka		
	Greece, Poland, Serbia, Montenegro, Croatia, Bosnia-Herzegovina, Slovenia, Albania, Macedonia, Cyprus		
	Mexico, Venezuela, Bolivia, Uruguay, Paraguay, Ecuador	parts and labor - 1 year	
	Colombia, Argentina, Chile, Peru	battery pack - 1 year	
	Taiwan, Korea		
	Russia, the Republic of Kazakhstan, Ukraine, Belarus, Georgia, Armenia, Uzbekistan, Tajikistan, Kyrgyzstan, Mongolia, Azerbaijan		
Desktop: 80LX 80LY	Moldova		
	South Africa, Kenya, Nigeria, Uganda, Morocco, Tunisia, Algeria, Cote d'Ivoire, Angola, United Arab Emirates, Bahrain, Jordan, Kuwait, Lebanon, Qatar, Botswana, Oman, Egypt, Pakistan, Cameroon, Democratic Republic of Congo, Djibouti, Ethiopia, Ghana, Iraq, Malta, Mauritania, Mauritius, Mozambique, Namibia, Rwanda, Senegal, Seychelles, Tanzania, Yemen, Zambia, Zimbabwe		
	Brazil		
	Belgium, Denmark, Finland, Estonia, Sweden, Norway, Netherlands, Spain, Portugal, Luxembourg	parts and labor - 2 years battery pack - 1 year	
	Slovakia, Czech Republic		
Saudi Arabia			

Product or machine type	Country or region of purchase	Warranty period	Types of warranty service
Notebook: 80LX 80LY	Turkey	parts and labor - 2 years battery pack - 2 years	1, 4
	United States of America	parts and labor - 1 year limited warranty* battery pack - 1 year	1, 3

\* Excludes some components. 90-day limited warranty for power adapters, keyboards, plastics and hinges.

If required, the Service Provider will provide repair or exchange service depending on the type of warranty service specified for your product and the available service. Scheduling of service will depend upon the time of your call, parts availability, and other factors.

## ■ Types of Warranty Service

### ① Customer Replaceable Unit (“CRU”) Service

Under CRU Service, the Service Provider will ship CRUs to you at its cost for installation by you. CRU information and replacement instructions are shipped with your product and are available from Lenovo at any time upon request. CRUs that are easily installed by you are called “Self-service CRUs”. “Optional-service CRUs” are CRUs that may require some technical skill and tools. Installation of Self-service CRUs is your responsibility. You may request that a Service Provider install Optional-service CRUs under one of the other types of warranty service designated for your product. An optional service offering may be available for purchase from a Service Provider or Lenovo under which Self-service CRUs would be installed for you. You may find a list of CRUs and their designation in the publication that was shipped with your product or at [www.lenovo.com/CRUs](http://www.lenovo.com/CRUs). The requirement to return a defective CRU, if any, will be specified in the instructions shipped with a replacement CRU. When return is required: 1) return instructions, a prepaid return shipping label, and a container will be included with the replacement CRU; and 2) you may be charged for the replacement CRU if the Service Provider does not receive the defective CRU from you within thirty (30) days of your receipt of the replacement CRU.

## **Lenovo limited warranty**

### **② On-site Service**

Under On-Site Service, a Service Provider will either repair or exchange the product at your location. You must provide a suitable working area to allow disassembly and reassembly of the product. Some repairs may need to be completed at a service center. If so, the Service Provider will send the product to the service center at its expense.

### **③ Courier or Depot Service**

Under Courier or Depot Service, your product will be repaired or exchanged at a designated service center, with shipping at the expense of the Service Provider. You are responsible for disconnecting the product and packing it in a shipping container provided to you to return your product to a designated service center. A courier will pick up your product and deliver it to the designated service center. The service center will return the product to you at its expense.

### **④ Customer Carry-In Service**

Under Customer Carry-In Service, your product will be repaired or exchanged after you deliver it to a designated service center at your risk and expense. After the product has been repaired or exchanged, it will be made available to you for collection. If you fail to collect the product, the Service Provider may dispose of the product as it sees fit, with no liability to you.

### **⑤ Mail-In Service**

Under Mail-In Service, your product will be repaired or exchanged at a designated service center after you deliver it at your risk and expense. After the product has been repaired or exchanged, it will be returned to you at Lenovo's risk and expense, unless the Service Provider specifies otherwise.

### **⑥ Customer Two-Way Mail-In Service**

Under Customer Two-Way Mail-In Service, your product will be repaired or exchanged after you deliver it to a designated service center at your risk and expense. After the product has been repaired or exchanged, it will be made available to you for return shipping at your risk and expense. If you fail to arrange return shipment, the Service Provider may dispose of the product as it sees fit, with no liability to you.

## **7 Product Exchange Service**

Under Product Exchange Service, Lenovo will ship a replacement product to your location. You are responsible for its installation and verification of its operation. The replacement product becomes your property in exchange for the failed product, which becomes the property of Lenovo. You must pack the failed product in the shipping carton in which you received the replacement product and return it to Lenovo. Transportation charges, both ways, shall be at Lenovo's expense. If you fail to use the carton in which the replacement product was received, you may be responsible for any damage to the failed product occurring during shipment. You may be charged for the replacement product if Lenovo does not receive the failed product within thirty (30) days of your receipt of the replacement product.

# Product specific Notices

The notices in this appendix are specific to the product with the given MT numbers. Notices that are common for most Lenovo products are included in "Appendix A. Notices" of the *Lenovo Safety and General Information Guide*.

## ■ ■ ENERGY STAR information

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ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy aimed at saving money and protecting the environment through energy efficient products and practices. Lenovo® is proud to offer our customers products with an ENERGY STAR compliant designation. Lenovo computers of the following machine types, if the ENERGY STAR mark is affixed, have been designed and tested to conform to the ENERGY STAR program requirements for computers.

- 80LX
- 80LY

By using ENERGY STAR compliant products and taking advantage of the power-management features of your computer, you reduce the consumption of electricity. Reduced electrical consumption contributes to potential financial savings, a cleaner environment, and the reduction of greenhouse gas emissions.

For more information about ENERGY STAR, visit <http://www.energystar.gov>. Lenovo encourages you to make efficient use of energy an integral part of your day-to-day operations. To help in this endeavor, Lenovo has preset the following power-management features to take effect when your computer has been inactive for a specified duration:

Table 1. ENERGY STAR power-management features

<b>Windows® 8.1</b>
Power plan: balanced (plugged in)
• Turn off the display: After 10 minutes
• Put the computer to sleep: After 25 minutes
• Advanced power settings: - Turn off hard disks: After 20 minutes

To awaken your computer from a sleep mode, press any key on your keyboard. For more information about these settings, refer to your Windows Help and Support information system.

## **Product specific Notices**

### **■ ■ Electronic emissions notices**

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The following information refers to Lenovo Flex 3-1120/Flex 3-1130 , machine type 80LX, 80LY.

### **■ Federal Communications Commission (FCC) Statement**

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 the 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.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from Lenovo authorized dealers. Lenovo is not responsible for any radio or television interference caused by using other than recommended cables or 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.

## **Product specific Notices**

Responsible party:

Lenovo (United States) Incorporated  
1009 Think Place - Building One  
Morrisville, NC 27560  
U.S.A.  
Telephone: (919) 294-5900



### **■ Industry Canada Class B Emission Compliance Statement**

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

This device complies with Industry Canada licence-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.

### **■ Avis de conformité à la réglementation d'Industrie Canada**

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

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 compromettre le fonctionnement.

### **■ German Class B Compliance Statement**

Deutschsprachiger EU Hinweis:

#### **Hinweis für Geräte der Klasse B EU-Richtlinie zur Elektromagnetischen Verträglichkeit**

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2004/108/EG (früher 89/336/EWG) zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält

die Grenzwerte der EN 55022 Klasse B ein.

Um dieses sicherzustellen, sind die Geräte wie in den Handbüchern beschrieben zu installieren und zu betreiben. Des Weiteren dürfen auch nur von der Lenovo empfohlene Kabel angeschlossen werden. Lenovo übernimmt keine Verantwortung für die Einhaltung der Schutzanforderungen, wenn das Produkt ohne Zustimmung der Lenovo verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung der Lenovo gesteckt/eingebaut werden.

**Deutschland:**

**Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Betriebsmittein**

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Betriebsmitteln" EMVG (früher "Gesetz über die elektromagnetische Verträglichkeit von Geräten"). Dies ist die Umsetzung der EU-Richtlinie 2004/108/EG (früher 89/336/EWG) in der Bundesrepublik Deutschland.

**Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Betriebsmitteln, EMVG vom 20. Juli 2007 (früher Gesetz über die elektromagnetische Verträglichkeit von Geräten), bzw. der EMV EG Richtlinie 2004/108/EC (früher 89/336/EWG), für Geräte der Klasse B.**

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen. Verantwortlich für die Konformitätserklärung nach Paragraf 5 des EMVG ist die Lenovo (Deutschland) GmbH, Gropiusplatz 10, D-70563 Stuttgart.

Informationen in Hinsicht EMVG Paragraf 4 Abs. (1) 4:

**Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse B.**

■ **European Union Compliance Statement Class B Compliance**

**European Union - Compliance to the Electromagnetic Compatibility Directive**

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. Lenovo cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the installation of option cards from other manufacturers.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to European Standard EN 55022. The limits for Class B equipment were derived for typical residential environments to provide reasonable protection against interference with licensed communication devices.

EU Contact Address: Lenovo, Einsteinova 21, 851 01 Bratislava, Slovakia



# Specifications

**Model Name:** **Lenovo Flex 3-1120/Flex 3-1130**

**Machine Type:** **80LX, 80LY**

**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. 299 mm × 209 mm × 21.8 mm
Weight	Appr. 1.4 kg
LCD size	11.6-inch

## Processor

See the system properties of your computer, you can do this as follows:

Click **Control Panel**, then click **Hardware and Sound**, click **Device Manager** under **Devices and Printers** and double click **Processors**.

## Memory

Type and speed	DDR3L-1333 MHz
Maximum supported capacity	8 GB

Hard disk drive (on select models)	Storage (on select models)
Form factor	2.5-inch, 7 mm
Capacity	HDD: 250 GB/320 GB/ 500 GB/1 TB SSHD: 500 GB+8 GB
Interface	SATA 3
	eMMC

**Display**

Display resolution (LCD)	16:9 (1,366 × 768 pixels)
Maximum display resolution on external display device	1,366 × 768 pixels
Touch Screen	Multi-touch screen
LCD backlight	LED

**I/O Ports**

USB	USB 3.0 × 1, USB 2.0 × 2
Audio	Combo audio jack × 1
Communication	RJ-45 × 1
Video/Audio	HDMI slot × 1
Memory card slot	4 in 1 slot × 1 (SD/SDHC/SDXC/MMC)

**Battery pack**

Type	Li-Polymer
Cells/Capacity	2 cells, 30 Wh

**AC power adapter**

Input	100-240 V, 50-60 Hz AC
Output voltage	20 V DC
Power	45 W

**Miscellaneous**

Camera	0.3 Mega, HD
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