



# Lenovo YOGA 900

YOGA 900-13ISK

## User Guide



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

## Notes

- Before using the product, be sure to read *Lenovo Safety and General Information Guide* first.
- Some instructions in this guide may assume that you are using Windows® 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.

## Regulatory Notice

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

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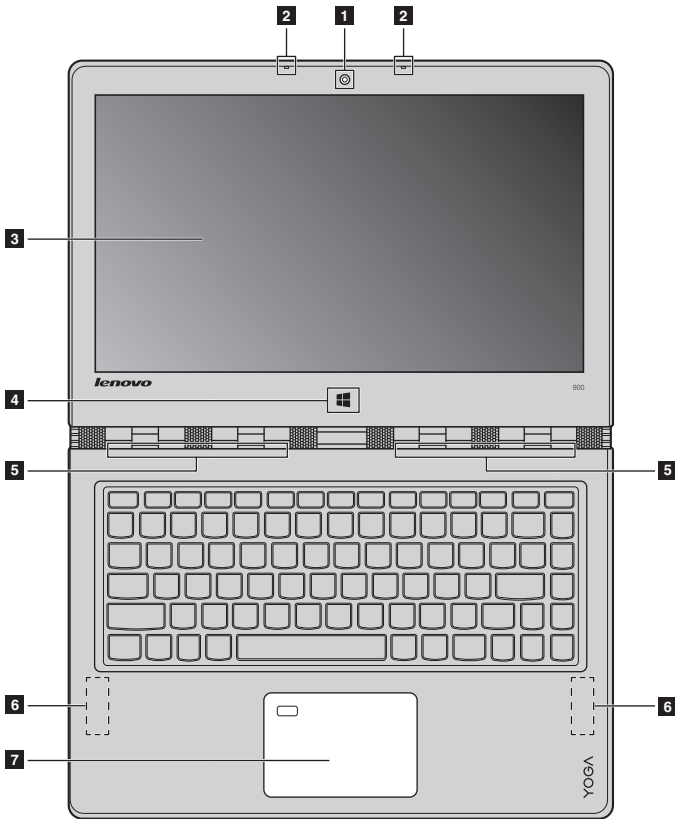
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# Chapter 1. Getting to know your computer

## ■ ■ 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

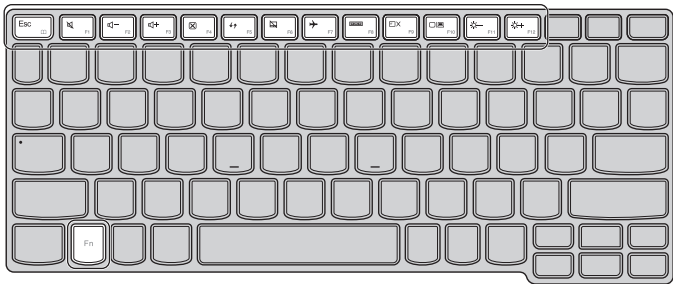
|  |   |  |
|--|---|--|
| 1  | <b>Integrated camera<br/>(on select models)</b> | Use the camera for video communication.  |
| 2  | <b>Built-in microphone</b>                      | Captures sound which can be used for video conferencing, voice narration, or audio recording.  |
| 3  | <b>Multi-touch screen</b>                       | The LCD display with LED backlight provides brilliant visual output. Multi-touch function is available on this display.  |
| 4  | <b>Windows button</b>                           | Press this button to:<br>Toggle between the current view and the Start screen.<br>-or-<br>Wake up the computer from sleep mode.  |
| 5  | <b>Ventilation slots</b>                        | Dissipate internal heat.   |
| <b>Note:</b> Make sure that the ventilation slots are not blocked or else the computer may overheat. |   |  |
| 6  | <b>Wireless LAN antennas</b>                    | Connect to a wireless LAN adapter to send and receive wireless radio signals.  |
| 7  | <b>Touchpad</b>                                 | The touchpad functions as a conventional mouse.<br><br><b>Touchpad:</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>Touchpad buttons:</b> The functions of the left/right side correspond to that of the left/right mouse button on a conventional mouse. |















**Note:** You can enable/disable the touchpad by pressing **F6** (  ).

■ Using the keyboard

Keyboard function keys

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



|   |  |
|---|--|
|  : Mutes/unmutes the sound.  |  : Enables/disables Airplane mode.                                  |
|  : Decreases the volume level.   |  : Displays all currently active apps.                              |
|  : Increases the volume level.   |  : Turns on/off the backlight of the LCD screen.                    |
|  : Closes the currently active window.   |  : Toggles the display between the computer and an external device. |
|  : Refreshes the desktop or the currently active window.   |  : Decreases the display brightness.                                |
|  : Enables/disables the touchpad.   |  : Increases the display brightness.                               |
|  +  : Enables/disables the paper display feature. |  |

## Chapter 1. Getting to know your computer

### ■ 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).



### 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).

## Chapter 1. Getting to know your computer

### Tent Mode (Presentation Mode)



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

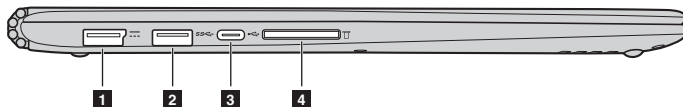
ⓘ **Attention:**

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

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

## ■ ■ Left-side view

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**1 AC power adapter jack** Connects to the AC power adapter.

**2 USB port** Connects to USB 3.0 devices.

**Note:** For details, see “Connecting USB device” on page 8.

**3 Thunderbolt connector** Connects to a Thunderbolt compatible device, such as CRT monitors, LCD monitors, projectors, or high-definition televisions.

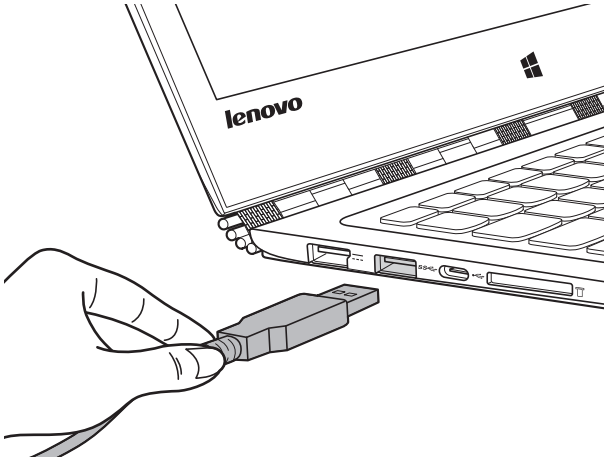
**4 Memory card slot** Insert memory cards (not supplied) here.

**Note:** For details, see “Using memory cards (not supplied)” on page 9.

## Chapter 1. Getting to know your computer

### ■ Connecting USB device

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



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.

### ■ Using memory cards (not supplied)

Your computer supports the following types of memory cards:

- Secure Digital (SD) card
- Secure Digital High Capacity (SDHC) card
- Secure Digital 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**

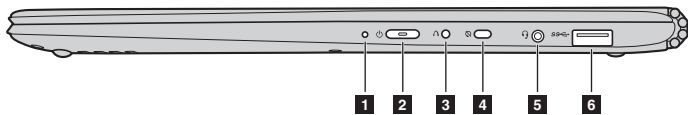
Insert the memory card until it touches the bottom of the slot.

### **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 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.  |
|                          | On (solid amber)         | The battery has between 5% and 20% charge.   |
|                          | Blinking quickly (amber) | The battery has less than 5% charge.   |
|                          | Blinking slowly (amber)  | The battery is being charged. When the battery charge reaches 20%, the blinking color will change to white.  |
|                          | Blinking slowly (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.   |

- 3 Novo button** 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.
- 4 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.

- 5 Combo audio jack** Connects to headsets.

**Notes:**

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

- 6 USB port** Connects to USB 2.0 devices.

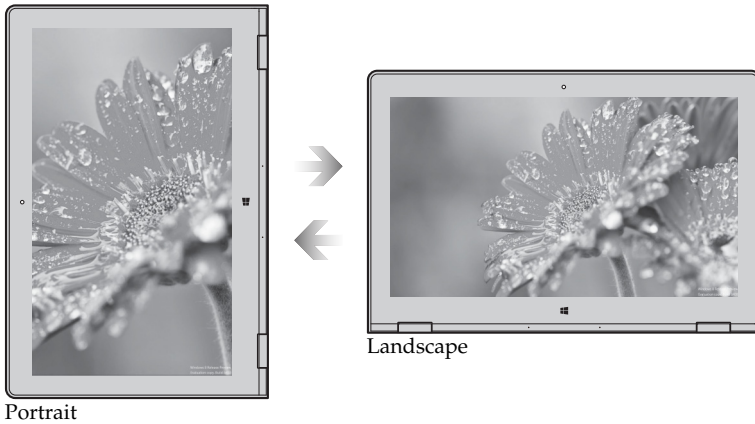
**Note:** For details, see “Connecting USB device” on page 8.

## Chapter 1. Getting to know your computer

### ■ Screen orientation

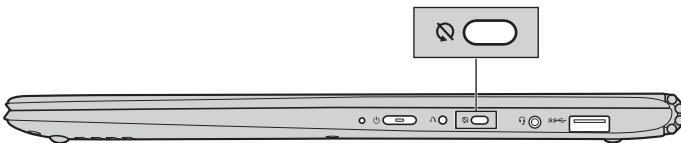
You can rotate the display panel to your preferred orientation.

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



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

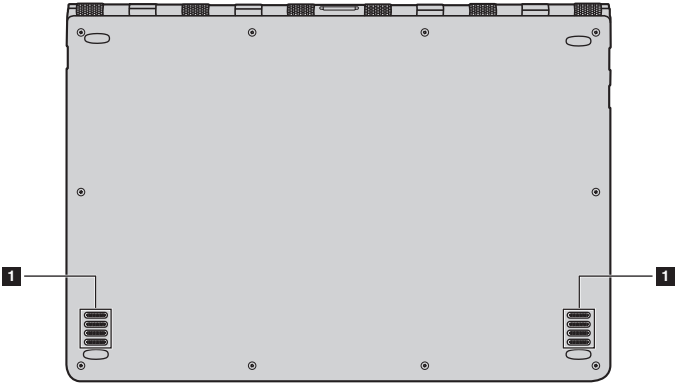
**Note:** The screen rotation lock button will be disabled in notebook mode.





■ ■ Bottom view

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**1 Speakers** Provide audio output.

## Chapter 2. 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. To back up the system partition:

- ❶ Press the Novo button to start the Lenovo OneKey Recovery System.
- ❷ Click **System Backup**.
- ❸ 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:

- ❶ Press the Novo button to start the Lenovo OneKey Recovery System.
- ❷ Click **System Recovery**. The computer will restart to the recovery environment.
- ❸ 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:

- ❶ Shut down the computer.
- ❷ Press the Novo button. From **Novo Button Menu**, select **System Recovery** and press Enter.

## Chapter 3. 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 the 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 *Safety, Warranty, and Setup Guide (SWSG)* 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, you can find the installation program on the D 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, Lenovo provides drivers for all the hardware devices that you need on the D partition of your hard disk. You can also download the latest device drivers from the Lenovo consumer support website.

#### ■ Lenovo OneKey Recovery System

##### **Where are the recovery discs?**

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

## Chapter 3. Troubleshooting

### ■ BIOS setup utility

#### What is the BIOS setup utility?

The BIOS setup utility is a 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:

- ❶ Shut down the computer.
- ❷ 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.

### ■ 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 properly set, 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.

The screen goes blank while the computer is on.

- Your screen saver or power management may be 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 the Windows 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 self-test (POST).

- Make sure that:
  - The battery pack 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 pack is charged and the temperature is within range, have the computer serviced.



## Chapter 3. 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, stops responding, or cannot be turned off, 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 is still 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 pack, 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 pack 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.

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