

Replacing or upgrading hardware

**Safety information for replacing CRUs**  
 Do not open your computer or attempt any repairs before reading the "Important safety information" in the *Safety, Warranty, Environment, Recycling Information Guide* and *Important Product Information Guide* that was included with your computer.  
 If you no longer have this copy of the *Safety, Warranty, Environment, Recycling Information Guide* and *Important Product Information Guide*, you can obtain one online from the website at <http://www.lenovo.com/UserManuals>.

**Pre-disassembly instructions**  
 Before proceeding with the disassembly procedure, make sure that you do the following:  
 1. Turn off the power to the system and all peripherals.  
 2. Unplug all power and signal cables from the computer.  
 3. Place the system on a flat, stable surface.

- CRUs for your computer include:
- keyboard
  - mouse
  - power cord
  - front bezel
  - optical drive
  - memory module
  - hard disk drive
  - top bezel

The part listed below is optional CRU for experienced users:  
 • graphic card

Instructions for replacing these parts can be found in the *Hardware Maintenance Manual* from the Lenovo Support Web Site. To obtain a copy of the *Hardware Maintenance Manual*, go to: [www.lenovo.com/UserManuals](http://www.lenovo.com/UserManuals).

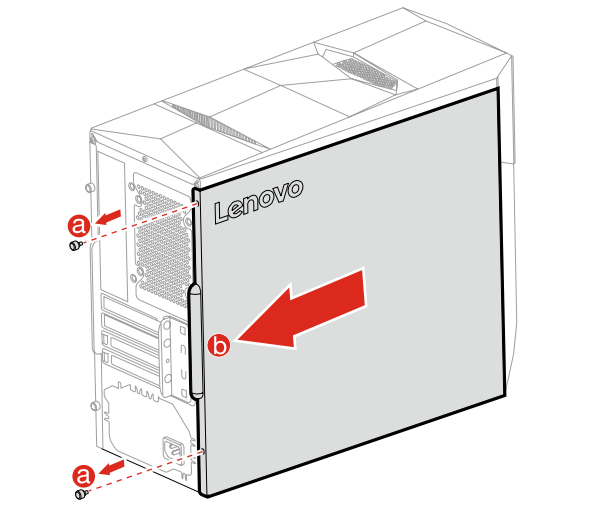
- This part contains instructions for replacing the following parts:
- Optical drive (Follow steps: 1 2)
  - Hard disk drive (Follow steps: 1 3)
  - Graphic card (Follow steps: 1 4)
  - Memory module (Follow steps: 1 5)
  - Front bezel (Follow steps: 1 6)
  - Top bezel (Follow steps: 1 7)

A CRUs replacing video guide is also available via a smart phone. Scan the below QR code to access the video guide.

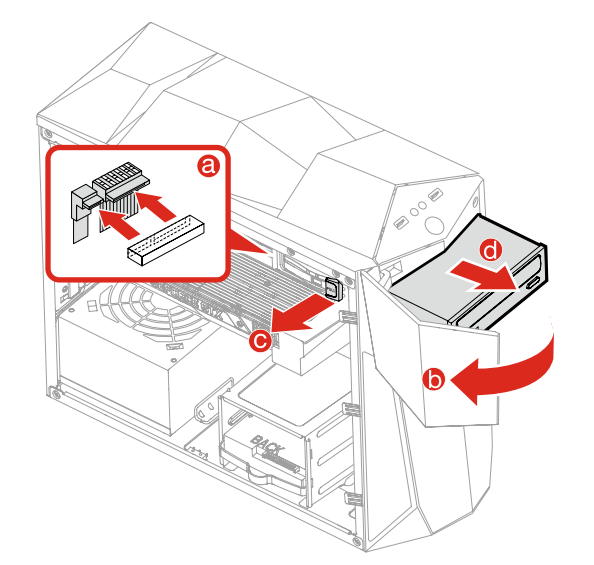


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1 Removing the computer cover

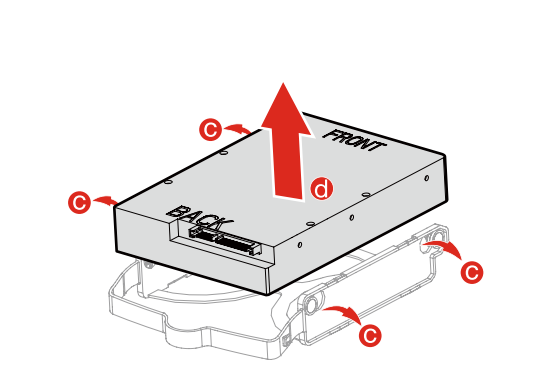
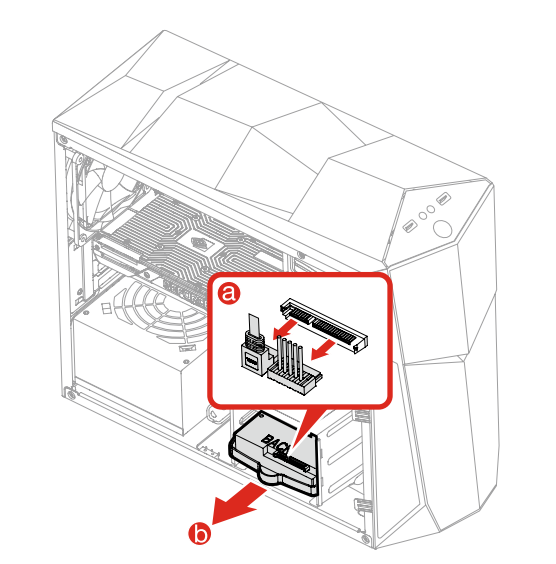


2 Replacing an optical drive



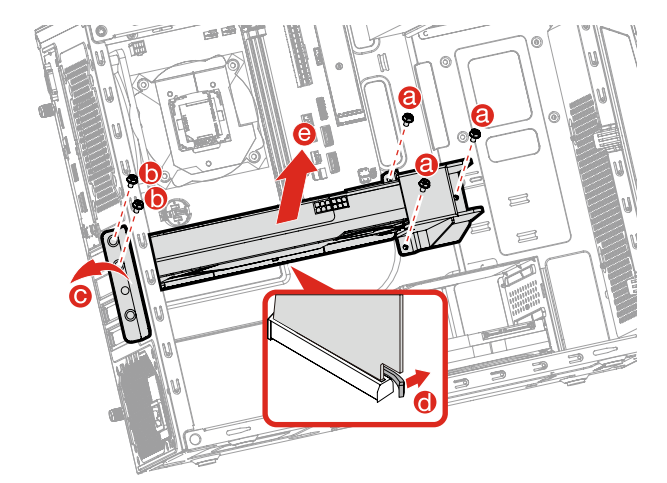
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3 Replacing a hard disk drive

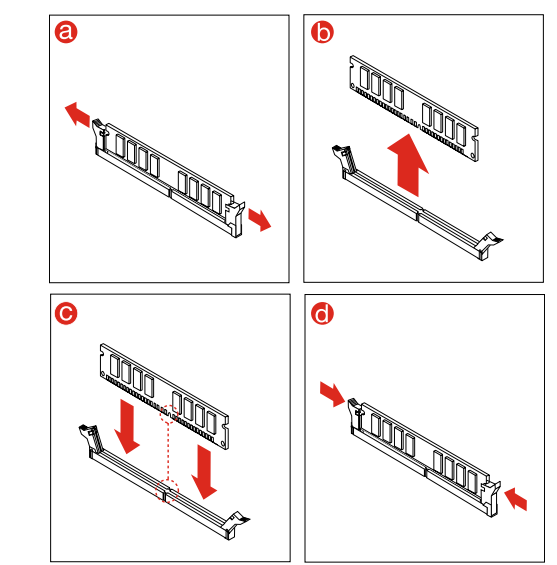


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4 Replacing a graphic card

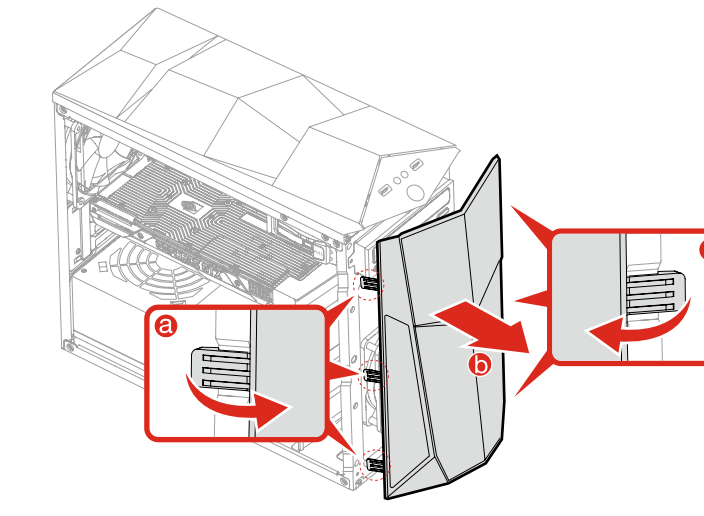


5 Replacing a memory module

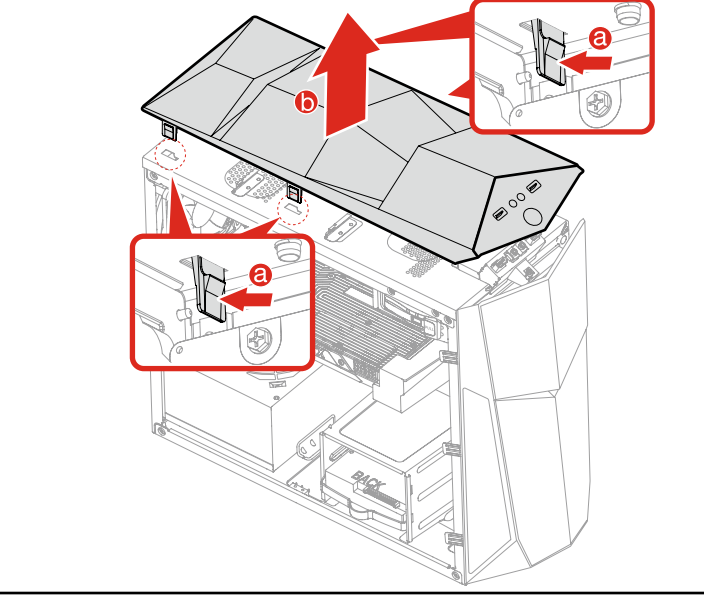


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6 Removing the front bezel

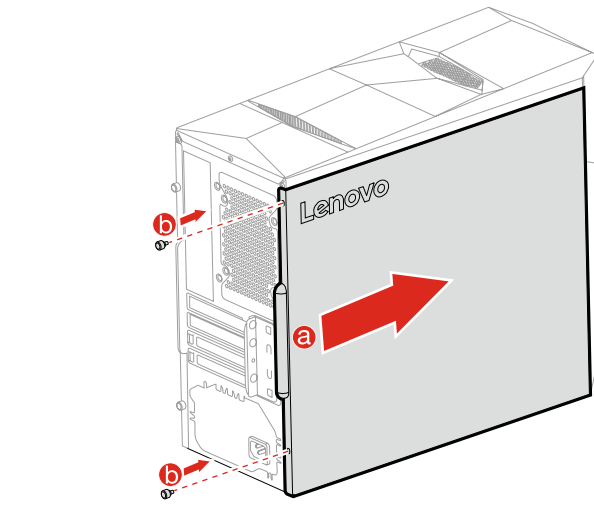


7 Removing the top bezel



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8 Reinstalling the computer cover

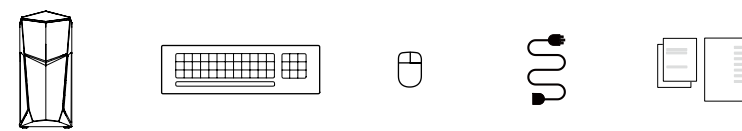


# Lenovo Legion Y520 Tower Series Quick Start Guide



## 1 Unpacking

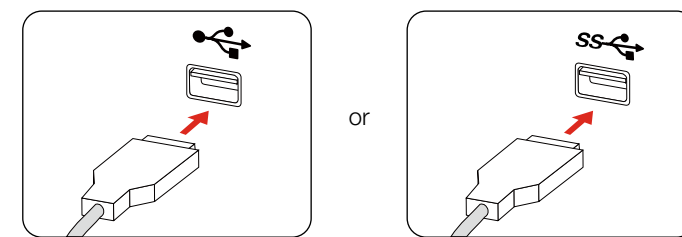
Computer Keyboard\* Mouse\* Power cord Publications



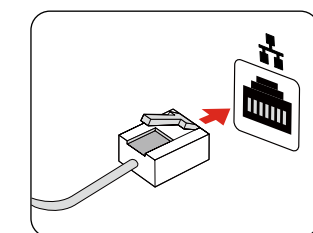
\* Selected models only.

**NOTE:** Some models may contain items not listed here.

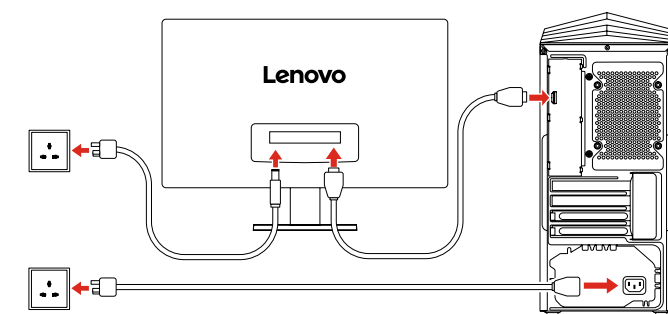
## 2 Connecting the keyboard and mouse



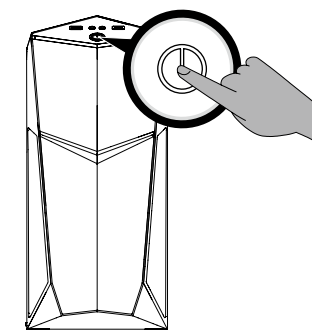
## 3 Connecting the Ethernet cable



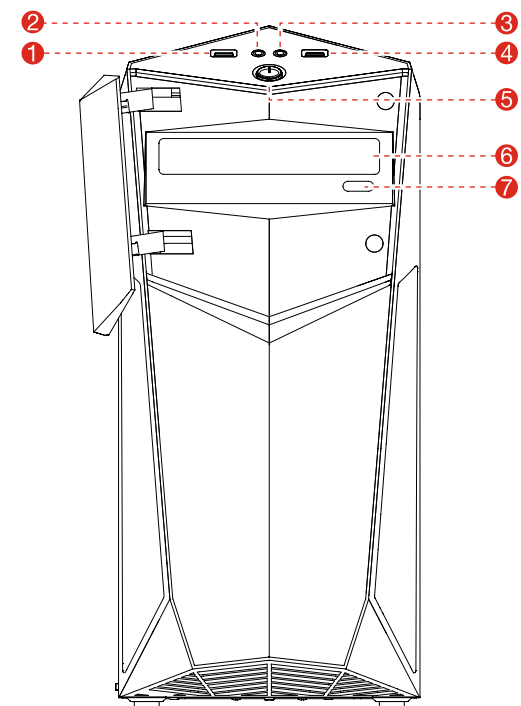
## 4 Connecting the monitor and power cables



## 5 Turning on the computer



## Front/Top view of the computer

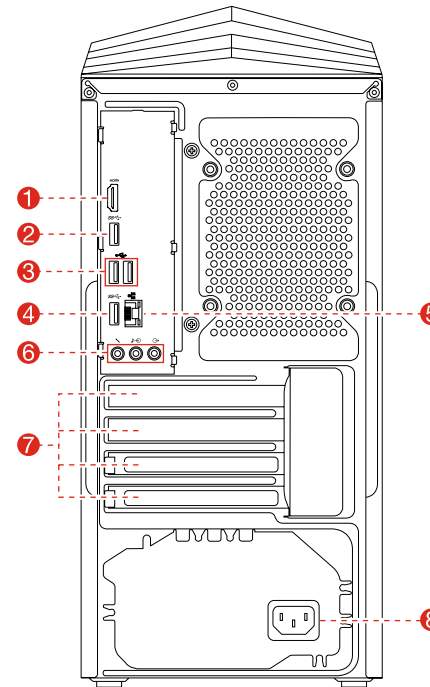


- 1 USB 3.0 connector
- 2 Headphone connector
- 3 Microphone connector
- 4 USB 3.0 connector
- 5 Power button
- 6 Optical drive<sup>1</sup>
- 7 Optical drive eject button

<sup>1</sup> Selected models only.

**ATTENTION:** Do not insert 3-inch discs into the optical drive.

## Rear view of the computer



- 1 HDMI-out connector
- 2 USB 3.0 connector
- 3 USB 2.0 connectors (2)
- 4 USB 3.0 connector
- 5 Ethernet connector
- 6 Audio connectors
- 7 PCI-Express card area<sup>1</sup>
- 8 Power connector

<sup>1</sup> Different cards provide different connectors.

**NOTE:** If your model has two VGA monitor connectors, be sure to use the connector on the graphics adapter.

## Connecting to the Internet

You need a contract with an Internet Service Provider (ISP) and some hardware in order to connect to the Internet. ISPs and the services they offer vary by country. Contact your ISP for services available in your country. Your computer supports wireless (selected models only) or wired networks that connect your computer to other devices.

### Wired network connection

For wired networks, connect one end of an Ethernet cable (purchased separately) to the Ethernet connector on your computer, and then connect the other end to the network router or broadband modem. Consult your ISP for detailed setup instructions.

**NOTE:** Broadband modem and router installation procedures vary depending on the manufacturer. Follow the manufacturer's instructions.

### Wireless network connection

For wireless networks, you can use the built-in Wi-Fi antenna to access your wireless home network.

To connect your computer to the wireless network:

Click or tap the network icon on the taskbar, then select the name of your router. Click or tap **Connect**, then follow the steps on the screen. Test the wireless network by opening your Web browser and accessing any Web site.

## Windows help system

The Windows help system provides you with detailed information about using the Windows operating system.

To access the Windows help system, do the following:

Open the Start menu and then click or tap **Get Started** to get more details. You can also enter **Get Started** or what you're looking for in the search box on the taskbar. You'll get suggestions and answers to your questions about Windows and the best search results available from your PC and the Internet.

To perform system recovery after a serious error in Windows 10, click or tap the Start button and select **Settings** → **Update & security** → **Recovery**. Then, follow the instructions on the screen for system recovery.

**ATTENTION:** The Windows operating system is provided by Microsoft Corporation. Please use it in accordance with the **END USER LICENSE AGREEMENT (EULA)** between you and Microsoft. For any question related to the operating system, please contact Microsoft directly.

## Accessing other manuals

The *Important Product Information Guide* has been preloaded onto your computer. To access this guide, do the following:

- For models come with Lenovo Companion:**
1. Open the Start menu and then click or tap **Lenovo Companion**.
  2. Click or tap **Support** → **User Guide**.

**For models without Lenovo Companion:**

Open the Start menu and then click or tap **Manual** to access this guide.

### For models without preinstalled operating systems:

Go to the Lenovo Support Web site to access your manuals. See "Downloading manuals" for additional information.

### Downloading manuals

The latest electronic publications for your computer are available from the Lenovo Support Web site. To download the publications, go to: [www.lenovo.com/UserManuals](http://www.lenovo.com/UserManuals).

## Service and Support information

The following information describes the technical support that is available for your product, during the warranty period or throughout the life of your product. Refer to the *Lenovo Limited Warranty* for a full explanation of Lenovo warranty terms. See "Lenovo Limited Warranty notice" later in this document for details on accessing the full warranty. If you purchased Lenovo services, refer to the following terms and conditions for detailed information:

- For Lenovo Warranty Service Upgrades or Extensions, go to: <http://support.lenovo.com/lwsu>
- For Lenovo Accidental Damage Protection Services, go to: <http://support.lenovo.com/ladps>
- Online technical support is available during the lifetime of a product at: <http://www.lenovo.com/support>

The following information refers to Lenovo Legion Y520 Tower machine type: 90H7 [Y520T-25IKL/Energy Star]

The descriptions in this guide might be different from what you see on your computer, depending on the computer model and configuration. Product design and specifications may be changed without notice.

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