



## Safety, Warranty, and Setup Guide

### Brief user notices

#### ThinkCentre M73

<http://www.lenovo.com/support>

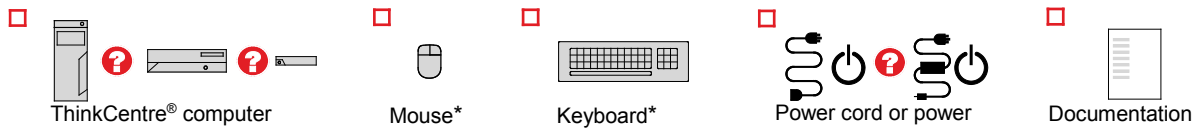
### Lenovo® electronic manuals... for a greener planet!

Refer to the electronic *User Guide* for detailed product information:  
<http://www.lenovo.com/UserManuals>



## Unpack

\* Available on some models



**Note:** Your computer might not come with a Windows® recovery disc set or USB key. To restore the Windows operating system, see the recovery information in the *User Guide*. See "Accessing your *User Guide*" later in this document for additional information.

## Connector locations

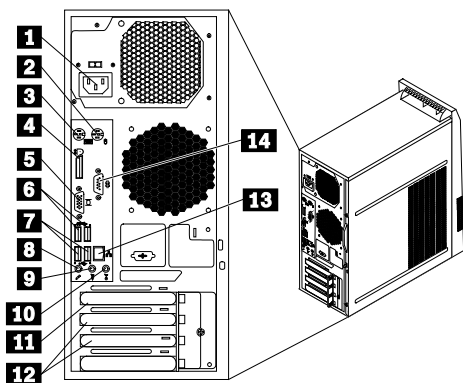
### Notes:

- The locations of the connectors, controls, and indicators on your computer might be slightly different from the illustrations.
- For tiny desktop:** If you use the optional connector for installing a serial connector, the serial connector and the adjacent VGA connector might interfere with each other when connecting cables. To avoid the interference, ensure that you use the serial connector convert cable that comes with the computer when you connect a device to the serial connector.
- For tiny desktop:** The Video Electronics Standards Association (VESA®) mount bracket and vertical stand are optional parts. If your computer comes with the VESA mount bracket installed, ensure that you remove the VESA mount bracket before you install the vertical stand. For more information, see "Installing or replacing hardware" in the *User Guide*.

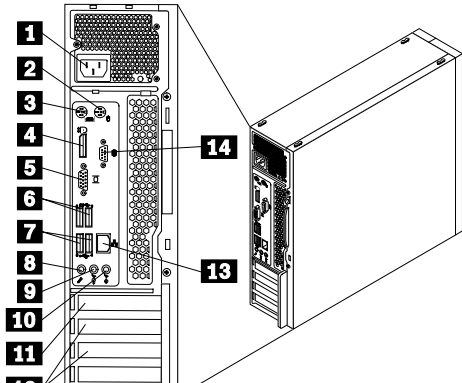
### Tower and small desktop, rear view

- Power cord connector
- PS/2 mouse connector
- PS/2 keyboard connector
- DisplayPort® connector
- VGA connector
- USB 3.0 connectors (2)
- USB 2.0 connectors (2)
- Microphone connector
- Audio line-out connector
- Audio line-in connector
- PCI Express x16 graphics card slot
- PCI Express x1 card slots (2)
- Ethernet connector
- Serial connector

### Tower



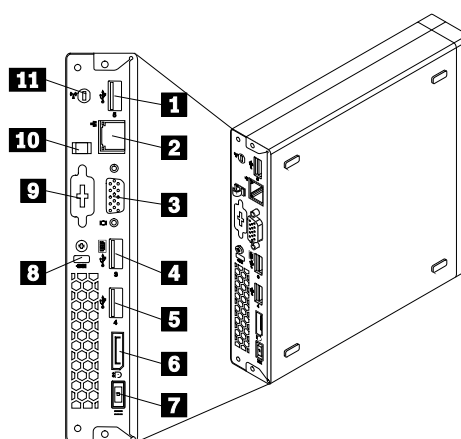
### Small desktop



### Tiny desktop, rear view

- USB 2.0 connector (USB connector 5)
- Ethernet connector
- VGA connector
- USB 2.0 connector (USB connector 3)
- USB 2.0 connector (USB connector 4)
- DisplayPort connector
- ac power adapter connector
- Security-lock slot
- Optional connector
- ac power adapter cable loop
- Wi-Fi card module antenna slot

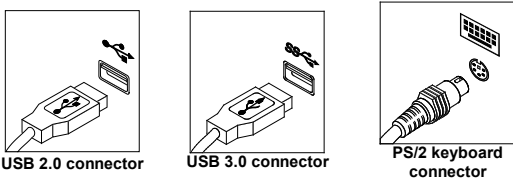
### Tiny desktop



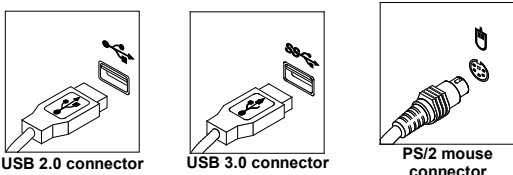
## Initial setup instructions

**Note:** Depending on the model type, your computer might not have all of the connectors that are described in this section.

- Connect the keyboard cable to an appropriate keyboard connector.

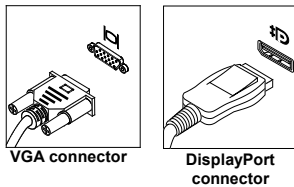


- Connect the mouse cable to an appropriate mouse connector.

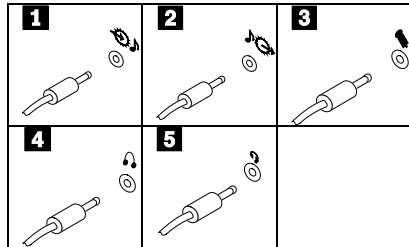


- Connect the display cable to an appropriate video connector.

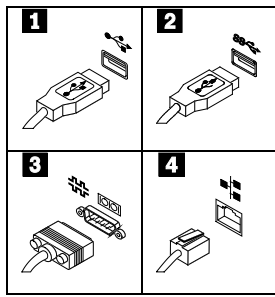
**Note:** If your computer is installed with a graphics card, ensure that you use the monitor connectors on the graphics card.



- If you have audio devices, attach them using the following instructions.

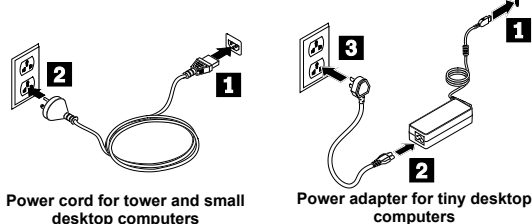


- Audio line-in connector:** Used to receive audio signals from an external audio device, such as a stereo system.
  - Audio line-out connector:** Used to send audio signals from the computer to external devices, such as powered stereo speakers.
  - Microphone connector:** Used to attach a microphone to your computer to record sound or use speech-recognition software.
  - Headphone connector:** Used to attach headphones to your computer to listen to music or other sounds without disturbing anyone.
  - Headset connector:** Used to attach a supported headset to your computer to record sound, use speech-recognition software, listen to music, or other sounds without disturbing anyone. The headset connector is also known as audio jack.
- If you have powered speakers with an ac power adapter, do the following:
    - Connect the cable that runs between the speakers, if necessary. On some speakers, this cable is permanently attached.
    - Connect the ac power adapter cable to the speakers.
    - Connect the speakers to the audio line-out connector or the headphone connector on the computer.
    - Connect the ac power adapter to an ac power source.
  - If you have unpowered speakers with no ac power adapter, do the following:
    - Connect the cable that runs between the speakers, if necessary. On some speakers, this cable is permanently attached.
    - Connect the speakers to the audio line-out connector or the headphone connector on the computer.
  - If you have any additional devices, connect them to the appropriate connectors. Your computer might not have all connectors that are shown.



- USB 2.0 connector:** Used to attach a device that requires a USB 2.0 connector, such as a keyboard, a mouse, a scanner, a printer, or a personal digital assistant (PDA).

- USB 3.0 connector:** Used to attach a device that requires a USB 2.0 or 3.0 connector, such as a keyboard, a mouse, a scanner, a printer, or a personal digital assistant (PDA). A USB 3.0 connector provides high transmission speeds to reduce the time that is required for data transmission.
  - Serial connector:** Used to attach an external modem, a serial printer, or other devices that use a 9-pin serial connector.
  - Ethernet connector:** Used to attach the computer to an Ethernet-type local area network or to a cable modem. Important: To operate the computer within FCC limits when it is connected to an Ethernet network, use a Category 5 Ethernet cable.
- Connect the power cord or the power adapter to the computer first and then to a properly-grounded electrical outlet. Ensure that all power cord connectors are securely and completely plugged into receptacles.



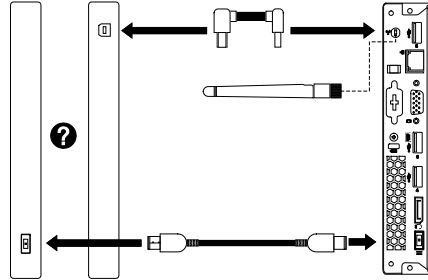
Power cord for tower and small desktop computers

Power adapter for tiny desktop computers

Power cord for tower and small desktop computers

- Press the power button on the front of the computer.

**Note:** If your tiny desktop computer comes with an external optical drive, an external hard disk drive, an external battery, or an I/O box, ensure that you install the cable that connects your computer and the external device. If your computer comes with the Wi-Fi feature, ensure that you install the Wi-Fi antenna stick to your computer.



## Accessing your user guide

Your *User Guide* contains detailed information about your computer. To access your *User Guide*, do the following:

### Microsoft Windows 10:

- Open the Start menu and then click or tap **Lenovo Companion**. If **Lenovo Companion** is not displayed on

the Start menu, click or tap **All apps** to display all programs, and then click or tap **Lenovo Companion**.  
2. Click or tap **Support** → **User Guide**.

### Microsoft Windows 8.1:

- Method 1**
  - Go to the Start screen.
  - Click the arrow icon in the bottom-left corner of the screen to go to the Apps screen. If you are using a touch screen, swipe up to go to the Apps screen.
  - Scroll to the right side of the screen, and click or tap **Help and Support**. The Windows Help and Support window opens.
  - Click or tap **Lenovo User Guide**.
- Method 2**
  - Go to the Start screen.
  - Click or tap **Lenovo Support**. The Lenovo Support window opens.
  - Click or tap **User Guide**.

### Microsoft Windows 8:

- From the desktop or the Start screen**
  - Move the pointer to the top-right or bottom-right corner of the screen to display the charms, and then click **Search**. If you are using a touch screen, swipe in from the right edge of the screen to display the charms, and then tap **Search**.
  - On the Apps screen, scroll to the right side, and click or tap **Help and Support**. The Windows Help and Support window opens.
  - Click or tap **Lenovo User Guide**.
- From the Start screen**
  - Click or tap **Lenovo Support**. The Lenovo Support window opens.
  - Click or tap **User Guide**.

### Microsoft Windows 7:

- From the Windows desktop, click **Start** and then click **Help and Support**. The Help and Support application opens.
- Click **Lenovo User Guide**.
- In the Lenovo User Guide window, click the link for your model and the *User Guide* opens.

### Models without preinstalled operating systems and Virtual Desktop Infrastructure (VDI) clients:

Go to the Lenovo Support Web site to access your *User Guide*. See "Downloading publications" for additional information.

User Guides are available in additional languages from the Lenovo Web site. See "Downloading publications" for additional information.

### Read this flyer before using your computer



This flyer provides critical safety and regulatory information for Lenovo computers and instructions on how to access electronic versions of the publications developed for your computer.

### Read first — regulatory information

Computer models equipped with wireless communications comply with the radio frequency and safety standards of any country or region in which it has been approved for wireless use.

Be sure to read the Regulatory Notice for your country or region before using the wireless devices contained in your computer. To obtain a PDF version of the Regulatory Notice, refer to the "Downloading publications" section below.

#### Brazil regulatory notice

Ouvir sons com mais de 85 decibéis por longos períodos pode provocar danos ao sistema auditivo.

#### Mexico regulatory notice

**Advertencia:** En México la operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Reduce | Reuse | Recycle



### Downloading publications

Electronic versions of your computer publications are available from the Lenovo Support Web site. To download the publications for your computer, go to <http://www.lenovo.com/UserManuals> and follow the instructions on the screen.

### 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/lwssu>

• For **Lenovo Accidental Damage Protection Services**, go to:

<http://support.lenovo.com/ladps>

### Online technical support

Online technical support is available during the lifetime of a product at:

<http://www.lenovo.com/support>

### Telephone technical support

Where applicable, you can get help and information from the Customer Support Center by telephone. Before contacting a Lenovo technical support representative, please have the following information available: model and serial number, the exact wording of any error message, and a description of the problem. Your technical support representative might want to walk you through the problem while you are at your computer during the call.

### Worldwide Lenovo support telephone list

**Important:** Telephone numbers are subject to change without notice. The most up-to-date telephone list for the Customer Support Center is always available at: <http://www.lenovo.com/support/phone>

If the telephone number for your country or region is not listed, contact your Lenovo reseller or Lenovo marketing representative.

| Country or region   | Telephone number                                          |
|---------------------|-----------------------------------------------------------|
| Algeria             | 33-6-7348 1739 (French, Spanish)                          |
| Anguilla            | 1-800-426-7378 (English, Spanish)                         |
| Antigua and Barbuda | 1-800-426-7378 (English)                                  |
| Argentina           | 0800-666-0011<br>0800-296-1563 (Spanish, English)         |
| Armenia             | 0-60690077 (Standard charges apply)<br>(Russian, English) |
| Australia           | 1-800-041-267 (English)                                   |
| Austria             | 0810-100-654 (German)                                     |

| Country or region | Telephone number                                                                                                                                                   |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bahamas           | 1-800-426-7378 (English)                                                                                                                                           |
| Bahrain           | Kanoo IT: 00-973-1771-1722<br>Bahrain Business Machine LLC: 00-973-1758-4302 (Arabic, English)                                                                     |
| Bangladesh        | AWSP Flora Limited:<br>70-200-6853 88-0171-000-0000 (Mobile)<br>Email: hasan_reaz@globalbrand.com.bd<br>6-256400184 (Standard charges apply)<br>(Russian, English) |
| Belarus           | 02-339-36-11 (Warranty service and support)<br>(Dutch, French)                                                                                                     |
| Belgium           | 02-339-36-11 (Warranty service and support)<br>(Dutch, French)                                                                                                     |
| Bermuda           | 1-800-426-7378 (English)                                                                                                                                           |
| Bolivia           | 0800-10-0169 (Spanish)                                                                                                                                             |
| Brazil            | Calls made from within the Sao Paulo region: 11-3889-8986<br>Calls made from outside the Sao Paulo region: 0800-701-4815 (Portuguese)                              |
| Brunei Darussalam | Dial 800-1111, and then dial 866-273-5446<br>(Bahasa Melayu, English)                                                                                              |
| Canada            | 1-800-565-3344 (English, French)                                                                                                                                   |
| Cayman Islands    | 1-800-426-7378 (English)                                                                                                                                           |
| Chile             | 800-361-213 (Spanish)                                                                                                                                              |
| China             | Technical Support Line: 400-100-6000<br>(Mandarin)                                                                                                                 |
| Colombia          | 01-800-011-0227<br>01-800-912-3021 (Spanish)                                                                                                                       |
| Costa Rica        | 0-800-011-1029 (Spanish)                                                                                                                                           |
| Croatia           | 385-1-3033-120 (Hrvatski)                                                                                                                                          |
| Cyprus            | 800-92537 (Greek)                                                                                                                                                  |

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| Country or region      | Telephone number                                                                                                                                                                                                                                               |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Czech Republic         | 800-933-637 (Czech)                                                                                                                                                                                                                                            |
| Denmark                | 7010-5150 (Warranty service and support) (Danish)                                                                                                                                                                                                              |
| Dominican Republic     | 1-866-434-2080 (Spanish)                                                                                                                                                                                                                                       |
| Ecuador                | 1-800-4269111 OPCION 4 (Spanish)                                                                                                                                                                                                                               |
| Egypt                  | Primary: 0800-0000-850<br>Secondary: 0800-0000-744 (Arabic, English)                                                                                                                                                                                           |
| El Salvador            | 800-6264 (English)                                                                                                                                                                                                                                             |
| Estonia                | 372-66-00-800 (Estonian, Russian, English)                                                                                                                                                                                                                     |
| Finland                | 358-900-1-4260 (Warranty service and support) (Finnish)                                                                                                                                                                                                        |
| France                 | Hardware: 0810-631-213 (Warranty service and support) (French)                                                                                                                                                                                                 |
| Georgia                | 995-706-777-826 (Standard charges apply) (Russian, English)                                                                                                                                                                                                    |
| Germany                | 0800-500-4618 (Gebührenfrei) (Garanatieservice und Support) (German)                                                                                                                                                                                           |
| Greece                 | Contact the nearest Lenovo Business Partner                                                                                                                                                                                                                    |
| Grenada                | 1-800-426-7378 (English)                                                                                                                                                                                                                                       |
| Guatemala              | Dial 999-9190, wait for operator, and request to reach 877-404-9661 (Spanish)                                                                                                                                                                                  |
| Honduras               | 800-0123 (Spanish)                                                                                                                                                                                                                                             |
| Hong Kong              | (852) 3516-8977 (Cantonese, English, Mandarin)                                                                                                                                                                                                                 |
| Hungary                | + 36-13-825-716 (English, Hungarian)                                                                                                                                                                                                                           |
| India                  | (Primary) 1800-419-4666 (Tata)<br>(Secondary) 1800-3000-9465 (Reliance)<br>Email: Commercialists@lenovo.com (English, Hindi)                                                                                                                                   |
| Indonesia              | 1-803-442-425<br>62 213-002-1090 (Standard charges apply) (English, Bahasa Indonesia)                                                                                                                                                                          |
| Ireland                | 1-881-1444 (Warranty service and support) (English)                                                                                                                                                                                                            |
| Israel                 | 972-3-531-3900 (Givat Shmuel Service Center) (Hebrew, English)                                                                                                                                                                                                 |
| Italy                  | 39-800-820-094 (Warranty service and support) (Italian)                                                                                                                                                                                                        |
| Jamaica                | 1-800-426-7378 (English)                                                                                                                                                                                                                                       |
| Japan                  | 0120-000-817 (Japanese, English)                                                                                                                                                                                                                               |
| Jordan                 | Jordan Business Systems: 00-962-6-500-0999 Ext 713/127<br>General Computer & Electronic (GCE): 00-962-6-551-3879 (Arabic, English)                                                                                                                             |
| Kazakhstan             | 77-273-231-427 (Standard charges apply) (Russian, English)                                                                                                                                                                                                     |
| Kenya                  | 080-0733-256 (English)                                                                                                                                                                                                                                         |
| Korea                  | 080-513-0880 (Toll Free)<br>02-3483-2829 (Standard charges apply) (Korean)                                                                                                                                                                                     |
| Kuwait                 | Easa Hussain Al Youssif: 00-965-2244-5280<br>AM. KHORAFI: 00-965-2200-1100 1127<br>Khorafi Business Machines (KBM): 00-965-2259-4611<br>Diyar United Company: 00 965-4378-383<br>Redington Kuwait<br>00-965-2433-3203; 2545-6250 / 2545-6251 (Arabic, English) |
| Latvia                 | 371-6707-360 (Latvian, Russian, English)                                                                                                                                                                                                                       |
| Lebanon                | Quantech: 00-961-1999-500<br>Computer Business Machine (CBM): 00-961-1680-180<br>El, Haeob S.A.L.: 00-961-1771-300 (Arabic, English, French)                                                                                                                   |
| Libyan Arab Jamahiriya | 33-6-7348-7739 (French, English)                                                                                                                                                                                                                               |
| Lithuania              | 370 5278 6802 (Lithuanian, Russian, English)                                                                                                                                                                                                                   |
| Luxembourg             | 352-360-385-222 (French)                                                                                                                                                                                                                                       |
| Macao                  | 0800-807 / (852) 3071-3559 (Cantonese, English, Mandarin)                                                                                                                                                                                                      |
| Macedonia              | 389-2309-625 (Macedonian)                                                                                                                                                                                                                                      |
| Malaysia               | 1-800-88-0013<br>03-7724-8023 (Standard charges apply) (English)                                                                                                                                                                                               |
| Malta                  | 356-21-445-566 (English, Italian, Maltese, Arabic)                                                                                                                                                                                                             |
| Mexico                 | 001-866-434-2080<br>01-800-083-5622<br>01-554-738-0318 (Standard charges apply) (Spanish)                                                                                                                                                                      |
| Moldova                | 0-80223433 (Standard charges apply) (Russian, English)                                                                                                                                                                                                         |
| Morocco                | 212-5-22-509-35 (Arabic)                                                                                                                                                                                                                                       |
| Nepal                  | 977-985-0-0<br>300-071-399 (mobile)<br>Email: suresh@megatech.com.np                                                                                                                                                                                           |
| Netherlands            | 020-513-3939 (Dutch)                                                                                                                                                                                                                                           |
| New Zealand            | 0508-770-506 (English)                                                                                                                                                                                                                                         |
| Nicaragua              | 001-800-220-2282 (Spanish)                                                                                                                                                                                                                                     |
| Nigeria                | 070-8060-1481 (English)                                                                                                                                                                                                                                        |
| Norway                 | 2152-1550 (Norwegian)                                                                                                                                                                                                                                          |
| Oman                   | Khimji Ramdas Computer Communication Systems: 00-968-2469-6255<br>Overseas Business Machines (OBM): 00-968-2460-1072; 2460-5018<br>Gulf Business Machines Services (GBMS): 00-968-2455-9831                                                                    |
| Pakistan               | International Office Products (pvt) Ltd.: 00-92-212-422-569<br>00-92-213-241-2023<br>Selling Business Systems: 00-92-21-568-9823<br>001-866-434 (Lenovo Customer Support Center- toll free) (Spanish)                                                          |
| Panama                 | 001-866-434 (Lenovo Customer Support Center- toll free) (Spanish)                                                                                                                                                                                              |
| Paraguay               | 009-800-52-10026<br>009-800-44-10119 (Spanish)                                                                                                                                                                                                                 |
| Peru                   | 0-800-50-866 OPCION 2 (Spanish)                                                                                                                                                                                                                                |
| Philippines            | 1-800-8908-6454 (GLOBE subscribers)<br>1-800-1441-0719 (PLDT subscribers) (Tagalog, English)                                                                                                                                                                   |
| Poland                 | 48-22-273-9777 (Polish, English)                                                                                                                                                                                                                               |
| Portugal               | 808-225-115 (Standard charges apply) (Portuguese)                                                                                                                                                                                                              |
| Qatar                  | Al Mana Computer Services: 00-9744-4489-996 ext. 1992<br>Qatar Computer Services W.L.L.: 00-9744-4441-212 (Arabic)                                                                                                                                             |
| Romania                | 4-021-224-4015 (Romanian)                                                                                                                                                                                                                                      |
| Russia                 | +7-499-705-6204<br>+7-499-240-8558 (Standard charges apply) (Russian)                                                                                                                                                                                          |
| Saint Lucia            | 1-800-426-7378 (English)                                                                                                                                                                                                                                       |
| Saudi Arabia           | 800-84-451-28 (Standard charges apply) (Arabic)                                                                                                                                                                                                                |
| Singapore              | 6818-5315 (Standard charges apply)<br>1-800-415-5529 (English, Mandarin, Bahasa Malaysia)                                                                                                                                                                      |
| Slovenia               | 386-1-2005-60 (Slovenian)                                                                                                                                                                                                                                      |
| South Africa           | 0800-110-756 (English)                                                                                                                                                                                                                                         |
| Spain                  | 34-917-917-833 (Spanish)                                                                                                                                                                                                                                       |
| Sri Lanka              | 9477-7357-123 (Sumathi Information systems) (English)                                                                                                                                                                                                          |
| Sweden                 | 077-117-1040 (Warranty service and support) (Swedish)                                                                                                                                                                                                          |
| Switzerland            | 0800-55-54-54 (Warranty service and support) (German, French, Italian)                                                                                                                                                                                         |
| Taiwan                 | 0800-000-702 (Mandarin)                                                                                                                                                                                                                                        |
| Thailand               | 001-800-4415-734                                                                                                                                                                                                                                               |

| Country or region    | Telephone number                                                                                                                               |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Czech Republic       | (+662) 787-3067 (Standard charges apply) (Thai, English)                                                                                       |
| Tortola              | 1-800-426-7378 (English)                                                                                                                       |
| Trinidad and Tobago  | 1-800-426-7378 (English)                                                                                                                       |
| Turkey               | 444-04-26 (Turkish)                                                                                                                            |
| Turks and Caicos     | 1-800-426-7378 (English)                                                                                                                       |
| Ukraine              | 044-362-42-81 (Standard charges apply) (Ukraine, Russian, English)<br>089-320-24-92 (Standard charges apply)                                   |
| United Arab Emirates | 8000-3570-2810 (Standard charges apply) (Arabic)                                                                                               |
| United Kingdom       | 03705-500-900 (local rate) (Standard warranty support) (English)                                                                               |
| United States        | 1-800-426-7378 (English)                                                                                                                       |
| Uruguay              | 000-411-005-6649 (Spanish)                                                                                                                     |
| Venezuela            | 0-800-100-2011 (Spanish)                                                                                                                       |
| Vietnam              | 120-11072 (Toll Free)<br>84-8-4458-1042 (Standard charges apply)                                                                               |
| Yemen                | Al Khirbash and Agencies: 00-967-1209-8278<br>Yemen Business Machines (YBM):<br>00-967-3-213324<br>00-967-3-214655<br>00-967-3-213909 (Arabic) |

#### Lenovo product service information for Taiwan

#### 台灣 Lenovo 產品服務資訊如下：

#### 荷蘭商聯想股份有限公司台灣分公司

#### 台北市內湖區堤頂大道二段89號5樓

#### 服務電話：0800-000-702

#### Safety information



This section contains important safety information for Lenovo products. Additional safety information is provided in the *User Guide* for your product. See "Accessing your *User Guide*" for additional information.

#### Laser compliance statement

##### CAUTION:

When laser products (such as CD-ROMs, DVD drives, fiber optic devices, or transmitters) are installed, note the following:

- Do not remove the covers. Removing the covers of the laser product could result in exposure to hazardous laser radiation. There are no serviceable parts inside the device.
- Use of controls or adjustments or performance of procedures other than those specified herein might result in hazardous radiation exposure.

|                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DANGER</b><br>Some laser products contain an embedded Class 3A or Class 3B laser diode. Note the following:<br><br>Laser radiation when open. Do not stare into the beam, do not view directly with optical instruments, and avoid direct exposure to the beam. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Plastic bag notice

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| <b>DANGER</b><br>Plastic bags can be dangerous. Keep plastic bags away from babies and children to avoid danger of suffocation. |
|---------------------------------------------------------------------------------------------------------------------------------|

#### Lithium coin cell battery notice

|                                                                          |
|--------------------------------------------------------------------------|
| <b>DANGER</b><br>Danger of explosion if battery is incorrectly replaced. |
|--------------------------------------------------------------------------|

When replacing the lithium coin cell battery, use only the same type or equivalent type that is recommended by the manufacturer. The battery contains lithium and can explode if not properly used, handled, or disposed of.

##### Do not:

- Throw or immerse into water
- Heat to more than 100°C (212°F)
- Repair or disassemble

Dispose of the battery as required by local ordinances or regulations.

The following statement applies to users in the state of California, U.S.A.

California Perchlorate Information:

Products containing manganese dioxide lithium coin cell batteries may contain perchlorate.

Perchlorate Material - special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)

#### Using headphones or earphones

If your computer has both a headphone connector and an audio line-out connector, always use the headphone connector for headphones (also called a headset) or earphones.

##### CAUTION:

Excessive sound pressure from earphones and headphones can cause hearing loss. Adjustment of the equalizer to maximum increases the earphone and headphone output voltage and the sound pressure level. Therefore, to protect your hearing, adjust the equalizer to an appropriate level.

Excessive use of headphones or earphones for a long period of time at high volume can be dangerous if the output of the headphones or earphone connectors do not comply with specifications of EN 50332-2. The headphone output connector of your computer complies with EN 50332-2 Sub clause 7. This specification limits the computer's maximum wide band true RMS output voltage to 150 mV. To help protect against hearing loss, ensure that the headphones or earphones you use also comply with EN 50332-2 (Clause 7 Limits) or a wide band characteristic voltage of 75 mV. Using headphones that do not comply with EN 50332-2 can be dangerous due to excessive sound pressure levels.

If your Lenovo computer came with headphones or earphones in the package, as a set, the combination of the headphones or earphones and the computer already complies with the specifications of EN 50332-1. If different headphones or earphones are used, ensure that they comply with EN 50332-1 (Clause 6.5 Limitation Values). Using headphones that do not comply with EN 50332-1 can be dangerous due to excessive sound pressure levels.

#### Lenovo Limited Warranty notice

This product is covered by the terms of the Lenovo Limited Warranty, version L505-0010-02 08/2011. Read the Lenovo Limited Warranty (LLW) at [http://www.lenovo.com/warranty/llw\\_02](http://www.lenovo.com/warranty/llw_02). You can view the LLW in a number of languages from this Web site. The LLW also is displayed on your computer during the initial setup. After the initial setup has completed, you can view the warranty on your computer by doing the following:

##### Windows 10:

- Open the Start menu and then click or tap **Lenovo Companion**. If **Lenovo Companion** is not displayed on the Start menu, click or tap **All apps** to display all programs, and then click or tap **Lenovo Companion**.
- Click or tap **Support**⇒ **Warranty & Services**.

- Click or tap **Terms**.

##### Windows 8.1:

###### Method 1

- Go to the Start screen.
- Click the arrow icon in the bottom-left corner of the screen to go to the Apps screen. If you are using a touch screen, swipe up to go to the Apps screen.
- Click or tap **Warranty Information**.

###### Method 2

- Go to the Start screen.
- Click or tap **Lenovo Support**. The Lenovo Support window opens.
- Click or tap **Service and Warranty**.

##### Windows 8:

###### From the desktop or the Start screen

- Move the pointer to the top-right or bottom-right corner of the screen to display the charms, and then click **Search**. If you are using a touch screen, swipe in from the right edge of the screen to display the charms, and then tap **Search**.
- From the Apps screen, click or tap **Warranty Information**.

###### From the Start screen

- Click or tap **Lenovo Support**. The Lenovo Support window opens.
- Click or tap **Service & Warranty**.

##### Windows 7:

From the Windows desktop, click **Start** ⇒ **All Programs** ⇒ **Lenovo Device Experience** ⇒ **Lenovo Warranty**.

If you cannot view the LLW either from the Web site or from your computer, contact your local Lenovo office or reseller to obtain a printed version of the LLW.

#### Warranty information

To check the warranty status of your computer, go to <http://www.lenovo.com/warranty-status>, and then follow the instructions on the screen.

#### Customer Replaceable Units

Customer Replaceable Units (CRUs) are parts that can be upgraded or replaced by the customer. If a CRU is determined to be defective during the warranty period, a replacement CRU will be provided to the customer. Customers are responsible for installing the self-service CRUs for this product. Customers also can install optional-service CRUs, which might require some technical skills or tools, or request that a technician install the optional-service CRU under the terms of the applicable warranty service type for your country or region. The following tables list CRUs for your computer and tell where to find the replacement instructions.

##### Machine types 10B0, 10B1, 10B2, 10B3, 10HJ, and 10HK.

| Self-service CRUs                                                                                                                                                                                                               | Optional-service CRUs                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Coin cell battery</li><li>Keyboard</li><li>Memory module</li><li>Mouse</li><li>Optical drive*</li><li>Peripheral Component Interconnect (PCI) card*</li><li>Wi-Fi rear antenna*</li></ul> | <ul style="list-style-type: none"><li>Front audio and USB assembly</li><li>Hard disk drive</li><li>Heat sink and fan assembly</li><li>Microprocessor</li><li>Power supply assembly</li><li>Rear fan assembly</li><li>Wi-Fi adapter card*</li><li>Wi-Fi card module*</li><li>Wi-Fi front antenna*</li></ul> |

##### Machine types 10B4, 10B5, 10B6, 10B7, 10HL, and 10HM.

| Self-service CRUs                                                                                                                                                                           | Optional-service CRUs                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Coin cell battery</li><li>Keyboard</li><li>Memory module</li><li>Mouse</li><li>Optical drive*</li><li>PCI card*</li><li>Wi-Fi rear antenna*</li></ul> | <ul style="list-style-type: none"><li>Front audio and USB assembly</li><li>Front fan assembly</li><li>Hard disk drive</li><li>Heat sink and fan assembly</li><li>Microprocessor</li><li>Power supply assembly</li><li>Wi-Fi adapter card*</li><li>Wi-Fi card module*</li><li>Wi-Fi front antenna*</li></ul> |

##### Machine types 10AX, 10AY, 10DK, 10DL, 10DM, and 10DN.

| Self-service CRUs                                                                                                                                                                                                                                                                  | Optional-service CRUs                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>ac power adapter</li><li>Coin cell battery</li><li>Cover presence switch (Intrusion switch)</li><li>Keyboard</li><li>Mouse</li><li>Power adapter bracket</li><li>Thermal module</li><li>Vertical stand</li><li>Wi-Fi rear antenna*</li></ul> | <ul style="list-style-type: none"><li>External hard disk drive</li><li>External optical drive*</li><li>Internal speaker</li><li>Memory module</li><li>Microprocessor</li><li>Power switch board</li><li>System fan</li><li>Video Electronics Standards Association (VESA) mount bracket</li><li>Wi-Fi card module*</li></ul> |

Note: \* denotes optional parts, which are available in some models.

CRU installation instructions are in the *User Guide* for the respective product. See "Accessing your *User Guide*" for additional information.

#### Electronic emission notices

This device has been tested and found to comply with the limits for a Class B digital device. The *User Guide* for this product provides the complete Class B compliance statements that are applicable for this device. See "Accessing your *User Guide*" for additional information.

#### Korean Class B compliance statement

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| <b>Б금 기기(가전용 방송통신기자재)</b><br><br>이 기기는 가전용(Б금) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다 |
|------------------------------------------------------------------------------------------------------|

#### European Union conformity



#### Compliance to Directives for Information Technology Equipment (ITE) and Radio Equipment

**Models without a radio device:** This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC (until 19th April, 2016) and Council Directive 2014/30/EU (from April 20th, 2016) on the approximation of the laws of the Member States relating to electromagnetic compatibility. The full compliance statement is located in the *User Guide*. See "Accessing your *User Guide*" in this document for additional information.

**Models with a radio device:** This product is in compliance with the essential requirements and other relevant provisions of the EU Council Radio and Telecommunications Terminal Equipment (R&TTE) Directive, 1999/5/EC. The Declaration of Conformity information is located in the *Regulatory Notices*, which you can download from <http://www.lenovo.com/UserManuals>.

**Note:** R&TTE 1999/5/EC remains in force during the transition period of Radio Equipment Directive (RED) 2014/53/EU until June 12, 2017. After then, RED 2014/53/EU will take the place of R&TTE 1999/5/EC.

#### Recycling and environmental information

Lenovo encourages owners of information technology (IT) equipment to responsibly recycle their equipment when it is no longer needed. Lenovo offers a variety of programs and services to assist equipment owners in recycling their IT products. For information on recycling Lenovo products, go to: <http://www.lenovo.com/recycling>

#### Important WEEE information

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Electrical and electronic equipment marked with the symbol of a crossed-out wheeled bin may not be disposed as unsorted municipal waste. Waste of electrical and electronic equipment (WEEE) shall be treated separately using the collection framework available to customers for the return, recycling, and treatment of WEEE.<br><br>Country-specific information is available at: <a href="http://www.lenovo.com/recycling">http://www.lenovo.com/recycling</a> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Recycling information for Japan

Recycling and disposal information for Japan is available at: <http://www.lenovo.com/recycling/japan>

#### Recycling information for China

##### 《废弃电器电子产品回收处理管理条例》提示性说明

联想鼓励拥有联想品牌产品的用户当不再需要此类产品时，遵守国家废弃电器电子产品回收处理相关法律法规，将其交给当地具有国家认可的回收处理资质的厂商进行回收处理。更多回收服务信息，请点击进入 <http://support.lenovo.com.cn/act/v1vty/551.htm>.

#### Additional recycling statements

Additional information about recycling computer components and batteries is in your *User Guide*. See "Accessing your *User Guide*" for details.

#### Restriction of Hazardous Substances Directive (RoHS)

##### European Union RoHS

Lenovo products sold in the European Union, on or after 3 January 2013 meet the requirements of Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("RoHS recast" or "RoHS 2").

For more information about Lenovo progress on RoHS, go to:

[http://www.lenovo.com/social\\_responsibility/us/en/RoHS\\_Communication.pdf](http://www.lenovo.com/social_responsibility/us/en/RoHS_Communication.pdf)

##### China RoHS

| 部件名称     | 有害物质  |       |       |              |            |              |
|----------|-------|-------|-------|--------------|------------|--------------|
|          | 铅(Pb) | 汞(Hg) | 镉(Cd) | 六价铬 (Cr(VI)) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
| 印刷电路板组件* | X     | 0     | 0     | 0            | 0          | 0            |
| 硬盘       | X     | 0     | 0     | 0            | 0          | 0            |
| 光驱       | X     | 0     | 0     | 0            | 0          | 0            |
| 内存       | X     | 0     | 0     | 0            | 0          | 0            |
| 电源/IO 附件 | X     | 0     | 0     | 0            | 0          | 0            |
| 电池       | X     | 0     | 0     | 0            | 0          | 0            |
| 键盘       | X     | 0     | 0     | 0            | 0          | 0            |
| 鼠标       | X     | 0     | 0     | 0            | 0          | 0            |
| 机箱/附件    | X     | 0     | 0     | 0            | 0          | 0            |

本表格依据 SJ/T 11364 的规定编制。  
0，表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下；  
X，表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。  
注：表中标记“X”的部件，皆因全球技术发展水平限制而无法实现有害物质的替代。  
印刷电路板组件\*：包括印刷电路板及其零部件、电容和连接器  
根据型号的不同，可能不会含有以上的所有部件，请以实际购买机型为准

10

在中华人民共和国境内销售的电子信息产品必须标识此标志，标志内的数字代表在正常使用状态下的产品的环保使用期限

##### Turkish RoHS

The Lenovo product meets the requirements of the Republic of Turkey Directive on the Restriction of the Use of Certain Hazardous Substances in Waste Electrical and Electronic Equipment (WEEE).

##### Türkiye AEEE Yönetmeliğine Uygunluk Beyanı

Bu Lenovo ürünü, T.C. Çevre ve Orman Bakanlığı'nın "Atık Elektrik ve Elektronik Eşyalarla Bazı Zararlı Maddelerin Kullanımının Sınırlanmasına Dair Yönetmelik (AEEE)" direktiflerine uygundur.

##### AEEE Yönetmeliğine Uygundur.

##### Ukraine RoHS

Цим підтверджуємо, що продукція Леново відповідає вимогам нормативних актів України, які обмежують вміст небезпечних речовин

##### India RoHS

RoHS compliant as per E-Waste (Management & Handling) Rules, 2011.

#### Eurasian compliance mark



Select models conform to ENERGY STAR® requirements. Additional ENERGY STAR information is in your *User Guide*. See "Accessing your *User Guide*".

#### Legal notices

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Microsoft and Windows are trademarks of the Microsoft group of companies.

DisplayPort and VESA are Trademarks of the Video Electronics Standards Association.

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

For additional legal notices, refer to the *User Guide* for your computer. See "Accessing your *User Guide*" for additional information.