ideapad S530-13IWL
User Guide

Lenovo

First edition (August 2018)

© Copyright Lenovo 2018.
LIMITED AND RESTRICTED RIGHTS NOTICE: If data or software is delivered pursuant a General Services Administration “GSA” contract, use, reproduction, or disclosure is subject to restrictions set forth in Contract No. GS-35F-05925.

Contents

Chapter 1. Important safety information 1
Read this first. 1
Conditions that require immediate action 1
Service and upgrades 2
Power supply statement 3
Power cords and power adapters 3
Electrical current safety information 4
Extension cords and related devices. 5
External devices 5
General battery notice 5
Built-in rechargeable battery notice 6
Non-rechargeable coin-cell battery notice 6
Heat and product ventilation 7
Liquid crystal display (LCD) notice 7
Using headphones or earphones 7
Glass parts notice 8
Plastic bag notice 8

Chapter 2. Product overview 9
Front view 9
Base view 10
Left-side view 11
Right-side view 12
Use the hotkeys. 13
Features and specifications 14

Chapter 3. Basic operations. 17
Put your computer into sleep mode 17
Start the Lenovo setup utility. 17
Start the Boot Menu 17
Change the boot sequence in the Lenovo setup utility 17
Change the boot mode 17
Change the hotkey mode 18
Hotkey mode setting 18
Enable or disable the Always on USB function . . . 18

Chapter 4. Reset and restore Windows 19
Windows 10 recovery options 19
Restore from a system restore point 19
Reset your computer 20
Use a recovery drive to restore or reset your computer 20

Chapter 5. Accessibility, ergonomic, and maintenance information 23
Accessibility and comfort 23
Ergonomic information 23
Basic maintenance tips 24
Cleaning your computer 24

Appendix A. Compliance information 27
Lenovo compliance information Web sites 27
Environmental and recycling information 27
General recycling information 27
Recycling information for China 27
Japan recycling statements 27
Brazil recycling information 28
Battery recycling information for the European Union 28
Important WEEE information 29
China RoHS 30
India RoHS 30
European Union RoHS 31
ENERGY STAR information 31
Electromagnetic compatibility notices 32
Federal Communications Commission (FCC) Supplier's Declaration of Conformity 32
Industry Canada compliance statement . . . 32
German Class B compliance statement. . . . 32
Declaration of conformity to EU directives. . . 33
Japan compliance statement for products which connect to the power mains with rated current less than or equal to 20 A per phase . . 33
Japan notice for ac power cord 33
Other compliance notices 34
Brazil audio caution statement 34
Export classification notice 34
Taiwan precautionary vision statement 34
Limited and restricted rights notice 34

Appendix B. Lenovo help and support 35
Lenovo support Web site 35
Call Lenovo customer support center 35
Before calling customer support 35
Services supported by Lenovo customer support center 35
Services not supported by Lenovo customer support center 35
Support phone numbers 35

Appendix C. Lenovo Limited Warranty 37
Part 1 - General Terms 37

© Copyright Lenovo 2018

Part 2 – Country-specific Terms 39
Part 3 - Warranty Service Information 42
Types of Warranty Service 42
Supplemental update to Part 2 for Australia (2017). 43
Supplemental update to Part 2 for New Zealand (2017). 44
Trademarks xlv

Chapter 1. Important safety information

Read this first

This information can help you safely use your notebook computer. Follow and retain all information included with your computer. The information in this document does not alter the terms of your purchase agreement or the Limited Warranty.

Customer safety is important. Our products are developed to be safe and effective. However, personal computers are electronic devices. Power cords, power adapters, and other features can create potential safety risks that can result in physical injury or property damage, especially if misused. To reduce these risks, follow the instructions included with your product, observe all warnings on the product and in the operating instructions, and review the information included in this document carefully. By carefully following the information contained in this document and provided with your product, you can help protect yourself from hazards and create a safer computer work environment.

Note: This information includes references to power adapters and batteries. In addition to notebook computers, some products (such as speakers and monitors) ship with external power adapters. If you have such a product, this information applies to your product. In addition, computer products contain a coin-sized internal battery that provides power to the system clock even when the computer is unplugged, so the battery safety information applies to all computer products.

Conditions that require immediate action

Products can become damaged due to misuse or neglect. Some product damage is serious enough that the product should not be used again until it has been inspected and, if necessary, repaired by an authorized servicer.

As with any electronic device, pay close attention to the product when it is turned on. On very rare occasions, you might notice an odor or see a puff of smoke or sparks vent from your product. Or you might hear sounds like popping, cracking, or hissing. These conditions might merely mean that an internal electronic component has failed in a safe and controlled manner. Or, they might indicate a potential safety issue. However, do not take risks or attempt to diagnose the situation yourself. Contact the Customer Support Center for further guidance. For a list of Service and Support phone numbers, go to http://www.lenovo.com/support/phone.

Frequently inspect your computer and its components for damage or wear or signs of danger. If you have any question about the condition of a component, do not use the product. Contact the Customer Support Center or the product manufacturer for instructions on how to inspect the product and have it repaired, if necessary.

In the unlikely event that you notice any of the following conditions, or if you have any safety concerns with your product, stop using the product and unplug it from the power source and telecommunication lines until you can speak to the Customer Support Center for further guidance.

- Power cords, plugs, power adapters, extension cords, surge protectors, or power supplies that are cracked, broken, or damaged.
- Signs of overheating, smoke, sparks, or fire.
- Damage to a battery (such as cracks, dents, or creases), discharge from a battery, or a buildup of foreign substances on the battery.
- A cracking, hissing, or popping sound, or strong odor that comes from the product.

© Copyright Lenovo 2018

- Signs that liquid has been spilled or an object has fallen onto the computer product, the power cord, or power adapter.
- The computer product, power cord, or power adapter has been exposed to water.
- The product has been dropped or damaged in any way.
- The product does not operate normally when you follow the operating instructions.

Note: If you notice these conditions with a product (such as an extension cord) that is not manufactured for or by Lenovo, stop using that product until you can contact the product manufacturer for further instructions, or until you get a suitable replacement.

Service and upgrades

Do not attempt to service a product yourself unless instructed to do so by the Customer Support Center or your documentation. Only use a Service Provider who is approved to repair your particular product.

Note: Some computer parts can be upgraded or replaced by the customer. Upgrades typically are referred to as options. Replacement parts approved for customer installation are referred to as Customer Replaceable Units, or CRUs. Lenovo provides documentation with instructions when it is appropriate for customers to install options or replace CRUs. You must closely follow all instructions when installing or replacing parts. The Off state of a power indicator does not necessarily mean that voltage levels inside a product are zero. Before you remove the covers from a product equipped with a power cord, always make sure that the power is turned off and that the product is unplugged from any power source. If you have any questions or concerns, contact the Customer Support Center.

Although there are no moving parts in your computer after the power cord has been disconnected, the following warnings are required for your safety.

CAUTION:
Hazardous moving parts. Keep fingers and other body parts away.

CAUTION:
Before you open the computer cover, turn off the computer and wait several minutes until the computer is cool.

Power supply statement

DANGER

Never remove the cover on a power supply or any part that has the following label attached.

Hazardous voltage, current, and energy levels are present inside any component that has this label attached. There are no serviceable parts inside these components. If you suspect a problem with one of these parts, contact a service technician.

Power cords and power adapters

DANGER

Use only the power cords and power adapters supplied by the product manufacturer.

The power cords shall be safety approved. For Germany, it shall be H05VV-F, 3G, 0.75 mm2, or better. For other countries, the suitable types shall be used accordingly.

Never wrap a power cord around a power adapter or other object. Doing so can stress the cord in ways that can cause the cord to fray, crack, or crimp. This can present a safety hazard.

Always route power cords so that they will not be walked on, tripped over, or pinched by objects.

Protect power cords and power adapters from liquids. For instance, do not leave your power cord or power adapter near sinks, tubs, toilets, or on floors that are cleaned with liquid cleansers. Liquids can cause a short circuit, particularly if the power cord or power adapter has been stressed by misuse. Liquids also can cause gradual corrosion of power cord terminals and/or the connector terminals on a power adapter, which can eventually result in overheating.

Ensure that all power cord connectors are securely and completely plugged into receptacles.

Do not use any power adapter that shows corrosion at the ac input pins or shows signs of overheating (such as deformed plastic) at the ac input pins or anywhere on the power adapter.

Do not use any power cords where the electrical contacts on either end show signs of corrosion or overheating or where the power cord appears to have been damaged in any way.

To prevent possible overheating, do not cover the power adapter with clothing or other objects when the power adapter is plugged into an electrical outlet.

Electrical current safety information

DANGER

Electric current from power, telephone, and communication cables is hazardous. To avoid a shock hazard:

- **Do not use your computer during a lightning storm.**
- **Do not connect or disconnect any cables or perform installation, maintenance, or reconfiguration of this product during an electrical storm.**
- **Connect all power cords to a properly wired and grounded electrical outlet.**
- **Connect to properly wired outlets any equipment that will be attached to this product.**
- **Whenever possible, use one hand only to connect or disconnect signal cables.**
- **Never turn on any equipment when there is evidence of fire, water, or structural damage.**
- **Disconnect the attached power cords, battery pack, and all the cables before you open the device covers, unless instructed otherwise in the installation and configuration procedures.**
- **Do not use your computer until all internal parts enclosures are fastened into place. Never use the computer when internal parts and circuits are exposed.**

DANGER

Connect and disconnect cables as described in the following procedures when installing, moving, or opening covers on this product or attached devices.

To connect:

1. **Turn everything OFF.**
2. **First, attach all cables to devices.**
3. **Attach signal cables to connectors.**
4. **Attach power cords to outlets.**
5. **Turn devices ON.**

To disconnect:

1. **Turn everything OFF.**
2. **First, remove power cords from outlets.**
3. **Remove signal cables from connectors.**
4. **Remove all cables from devices.**

The power cord must be disconnected from the wall outlet or receptacle before installing all other electrical cables connected to the computer.

The power cord may be reconnected to the wall outlet or receptacle only after all other electrical cables have been connected to the computer.

DANGER

During electrical storms, do not perform any replacement and do not connect the telephone cable to or disconnect it from the telephone outlet on the wall.

Extension cords and related devices

Ensure that extension cords, surge protectors, uninterruptible power supplies, and power strips that you use are rated to handle the electrical requirements of the product. Never overload these devices. If power strips are used, the load should not exceed the power strip input rating. Consult an electrician for more information if you have questions about power loads, power requirements, and input ratings.

External devices

CAUTION:
Do not connect or disconnect any external device cables other than USB and 1394 cables while the computer power is on; otherwise, you might damage your computer. To avoid possible damage to attached devices, wait at least five seconds after the computer is shut down to disconnect external devices.

General battery notice

DANGER

Personal computers manufactured by Lenovo contain a coin cell battery to provide power to the system clock. In addition, many mobile products, such as notebook computers, utilize a rechargeable battery pack to provide system power when in portable mode. Batteries supplied by Lenovo for use with your product have been tested for compatibility and should only be replaced with approved parts.

Never attempt to open or service any battery. Do not crush, puncture, or incinerate batteries or short circuit the metal contacts. Do not expose the battery to water or other liquids. Only recharge the battery pack strictly according to instructions included in the product documentation.

Battery abuse or mishandling can cause the battery to overheat, which can cause gasses or flame to “vent” from the battery pack or coin cell. If your battery is damaged, or if you notice any discharge from your battery or the buildup of foreign materials on the battery leads, stop using the battery and obtain a replacement from the battery manufacturer.

Batteries can degrade when they are left unused for long periods of time. For some rechargeable batteries (particularly lithium ion batteries), leaving a battery unused in a discharged state could increase the risk of a battery short circuit, which could shorten the life of the battery and also can pose a safety hazard. Do not let rechargeable lithium-ion batteries completely discharge or store these batteries in a discharged state.

Built-in rechargeable battery notice

DANGER

Do not attempt to replace the built-in rechargeable battery. Replacement of the battery must be done by a Lenovo-authorized repair facility or technician.

Only recharge the battery strictly according to instructions included in the product documentation.

Non-rechargeable coin-cell battery notice

DANGER

If the coin-cell battery is incorrectly replaced, there is danger of an explosion. The battery contains a small amount of harmful substance.

Do not heat to more than 100°C (212°F).

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

Products containing manganese dioxide lithium coin-cell batteries may contain perchlorate. Perchlorate Material - special handling may apply, see www.dtsc.ca.gov/hazardouswaste/perchlorate.

Heat and product ventilation

DANGER

Computers, ac power adapters, and many accessories can generate heat when turned on and when batteries are charging. Notebook computers can generate a significant amount of heat due to their compact size. Always follow these basic precautions:

- **When your computer is turned on or the battery is charging, the base, the palm rest, and some other parts may become hot. Avoid keeping your hands, your lap, or any other part of your body in contact with a hot section of the computer for any extended length of time. When you use the keyboard, avoid keeping your palms on the palm rest for a prolonged period of time. Your computer generates some heat during normal operation. The amount of heat depends on the amount of system activity and the battery charge level. Extended contact with your body, even through clothing, could cause discomfort or even a skin burn. Periodically take breaks from using the keyboard by lifting your hands from the palm rest; and be careful not to use the keyboard for any extended length of time.**
- **Do not operate your computer or charge the battery near flammable materials or in explosive environments.**
- **Ventilation slots, fans and/or heat sinks are provided with the product for safety, comfort, and reliable operation. These features might inadvertently become blocked by placing the product on a bed, sofa, carpet, or other flexible surface. Never block, cover, or disable these features.**
- **When the ac power adapter is connected to an electrical outlet and your computer, it generates heat. Do not place the adapter in contact with any part of your body while using it. Never use the ac power adapter to warm your body. Extended contact with your body, even through clothing, may cause a skin burn.**

For your safety, always follow these basic precautions with your computer:

- **Keep the cover closed whenever the computer is plugged in.**
- **Regularly inspect the outside of the computer for dust accumulation.**
- **Remove dust from vents and any perforations in the bezel. More frequent cleanings might be required for computers in dusty or high-traffic areas.**
- **Do not restrict or block any ventilation openings.**
- **Do not operate your computer inside furniture, as this might increase the risk of overheating.**
- **Airflow temperatures into the computer should not exceed 35°C (95°F).**

Liquid crystal display (LCD) notice

CAUTION:
The liquid crystal display (LCD) is made of glass, and rough handling or dropping the computer can cause the LCD to break. If the LCD breaks and the internal fluid gets into your eyes or on your hands, immediately wash the affected areas with water for at least 15 minutes; if any symptoms are present after washing, get medical care.

Note: For products with mercury-containing fluorescent lamps (for example, non-LED), the fluorescent lamp in the liquid crystal display (LCD) contains mercury; dispose of according to local, state, or federal laws.

Using headphones 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 headphone 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) for 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.

Glass parts notice

CAUTION:
Some parts of your product may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove it. Stop using your product until the glass is replaced by trained service personnel.

Plastic bag notice

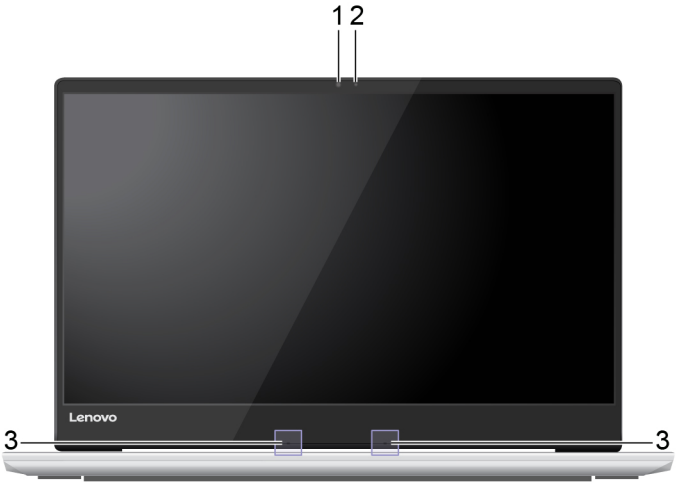
DANGER

Plastic bags can be dangerous. Keep plastic bags away from babies and children to avoid danger of suffocation.

Chapter 2. Product overview

Front view

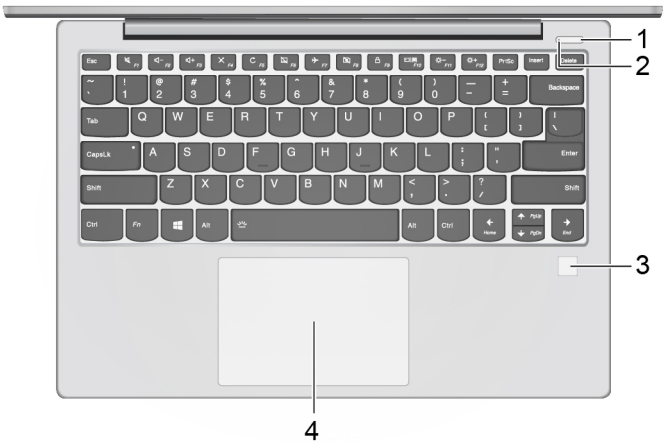
Attention: Do not force the computer display open beyond 180 degrees from the relative position of the keyboard. Forcing the computer display beyond this point can cause damage.



1. Camera	Take pictures or record videos by clicking **Camera** from the Start menu.
2. Camera status indicator	When this indicator is on, the camera is in use.
3. Microphones	The microphones capture sound and voice when used with a program capable of handling audio.

© Copyright Lenovo 2018

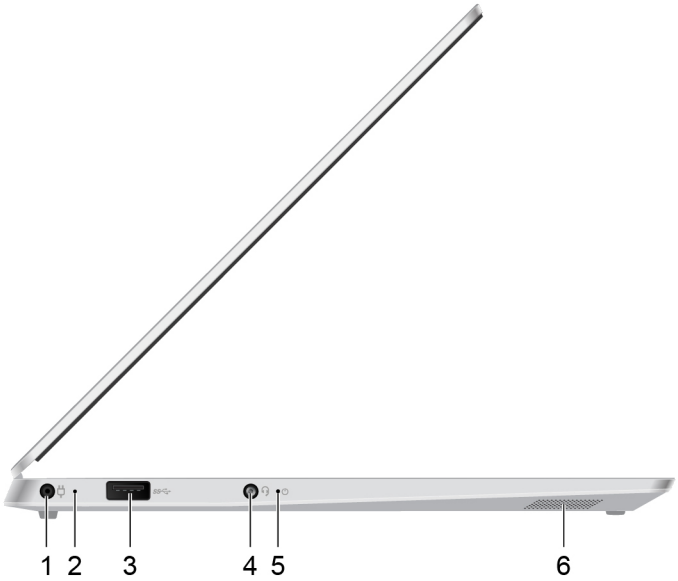
Base view



1. Power button	Press the power button to turn on the computer or put the computer to sleep mode. To turn off the computer, open the Start menu and click **Power**, and then click **Shut down**.
2. System status indicator	The indicator in the power button shows the system status of your computer. • **On**: The computer is on (battery power 21%–100%). • **Blinks rapidly**: The computer is on (battery power 1%–20%). • **Blinks slowly**: The computer is in sleep mode. • **Off**: The computer is off.
3. Fingerprint reader *	Log in to your computer with enrolled fingerprints.
4. Touch pad	Perform finger touch and all the functions of a traditional mouse.

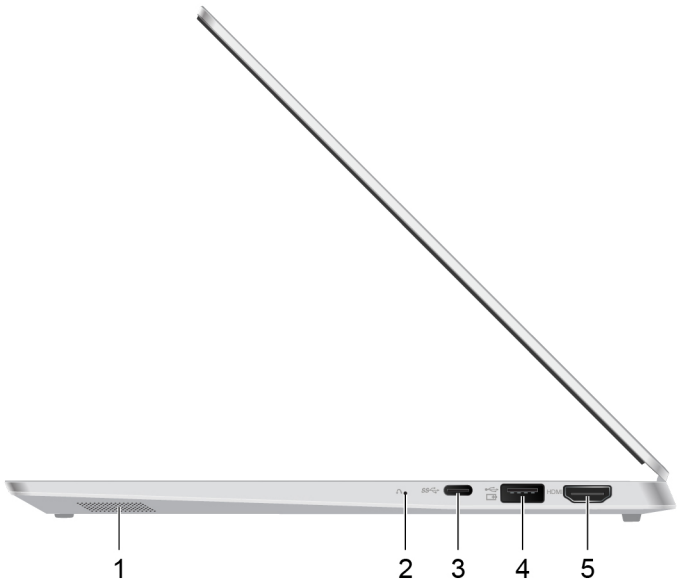
* Available on some models

Left-side view



1. Power connector	Connect to ac power through an ac power adapter.
2. ac power status indicator	This indicator shows the ac power and battery power status of the computer. • **White**: connected to ac power (battery power 91%–100%) • **Amber**: connected to ac power (battery power 1%–90%) • **Off**: not connected to ac power
3. USB 3.1 connector Gen 1	Connect USB-compatible devices, such as a USB keyboard, USB mouse, USB storage device, or USB printer.
4. Audio connector	You can connect headphones or a headset with a 3.5-mm (0.14-inch), 4-pole plug to the audio connector to listen to the sound from the computer. **Note:** The conventional microphone is not supported.
5. System status indicator	The indicator next to the audio connector shows the system status of your computer. • **On**: The computer is on (battery power 21%–100%). • **Blinks rapidly**: The computer is on (battery power 1%–20%). • **Blinks slowly**: The computer is in sleep mode. • **Off**: The computer is off.
6. Speaker	Play sound.

Right-side view



1. Speaker	Play sound.
2. Novo button	When the computer is off, insert a needle or a straightened paper clip into this button to start the Lenovo setup utility, enter the Boot Menu, or, start the System Recovery.
3. USB-C connector	Connect to external devices through compatible cables. **CAUTION:** **Do not connect ac power adapter to this connector. This connector can not be used to provide power to the computer.**
4. Always On USB 3.1 connector Gen 1	Used to charge the USB-compatible devices when your computer is off or in sleep mode. This feature can be enabled or disabled in the Lenovo setup utility. See “Enable or disable the Always on USB function” on page 18. **Note:** If your computer is not connected to ac power and the remaining battery power is very low, the always On USB 3.1 connector Gen 1 stops charging the connected devices.
5. HDMI™ connector	Connect to a compatible digital audio device or video monitor, such as an HDTV.

Use the hotkeys

The hotkeys on the keyboard help you work more easily and effectively. See “Change the hotkey mode” on page 18 for more information.

Hotkeys	Function
F1	Mute or unmute the speakers
F2	Decrease the speaker volume
F3	Increase the speaker volume
F4	Mute or unmute the microphones
F5	Reload your desktop or current page
F6	Enable or disable the touch pad
F7	Enable or disable the Airplane mode
F8	Enable or disable the camera
F9	Lock or unlock the screen
F10	Manage external displays
F11	Darken the computer display
F12	Brighten the computer display

Features and specifications

Display	• Color display with In-Plane Switching (IPS) technology • Resolution: 1920 x 1080 pixels for Full High Definition (FHD) models • Size: 330.2 mm (13 inches)
Memory	• Type: Low Power Double data rate 3 (LPDDR3) • Capacity: 4 GB, 8 GB, or 16 GB
Storage device	• Type: Solid-state drive • Capacity: 128 GB, 256 GB, or 512 GB **Note:** The capacity of the storage device displayed in the operating system typically is smaller than the nominal capacity.
Connectors and slots	• Always On USB 3.1 connector Gen 1 • Audio connector • HDMI connector • Power connector • USB-C connector • USB 3.1 connector Gen 1
Wireless features	• Bluetooth • Wireless LAN
Size	• For computer models with a glass screen: appr. 308.3 mm x 211 mm x 14.8 mm (12.1 inches x 8.3 inches x 0.58 inches) • For computer models with a plastic screen: appr. 308.3 mm x 211 mm x 15.2 mm (12.1 inches x 8.3 inches x 0.6 inches
Weight	• For computer models with a glass screen: appr. 1.25 kg (2.76 lb) • For computer models with a plastic screen: appr. 1.19 kg (2.62 lb)
Battery	• Type: Built-in Li-Polymer battery • Number of cells: four cells • Capacity: 45 Wh **Note:** The capacity listed here is the typical or average capacity as measured in a specific test environment. Capacities measured in other environments may differ but are no lower than the rated capacity (see product label).
ac power adapter	• Input: 100-240 Vac, 50-60 Hz • Output: 20 Vdc • Power: 65 W
Others	• Camera • Microphones • Speakers

Note: Specifications might change without notice. Some specifications are model specific and might not apply to the model that you purchased.

Chapter 3. Basic operations

Put your computer into sleep mode

If you have finished using your computer but plans to resume use shortly after, put it into sleep mode.

In the lower left corner of the desktop, click **Start → Power → Sleep**.

Note: By default, press the Power button or close the computer display to put the computer into sleep mode.

To wake the computer from sleep mode, do one of the following:

- Press the Power button.
- Press any key on the keyboard.

Start the Lenovo setup utility

Shut down the computer and insert a needle or a straightened paper clip into the Novo button, then, select **BIOS Setup** from the Novo Button Menu.

Start the Boot Menu

When turning on or restarting your computer, you may need to start the Boot Menu to change the boot device of your computer.

Shut down the computer and insert a needle or a straightened paper clip into the Novo button to enter the Novo Button Menu. Select **Boot Menu** on the Novo Button Menu.

From the Boot Menu, you can change the boot device and press Enter. The change is one-time valid. To make the change permanent, change the boot sequence in the Lenovo setup utility.

Change the boot sequence in the Lenovo setup utility

You need to change the boot sequence in the Lenovo setup utility if you want to permanently change the boot device for your computer.

Step 1. Start the Lenovo setup utility.

Step 2. Select the **Boot** menu.The boot sequence is listed under the **EFI** option.

Note: If the **Boot Mode** is set to **Legacy Support**, the boot sequence is listed under **Legacy**.

Step 3. Use the **Up** and **Down** keys to select a boot device. Use the **F5** and **F6** keys to move boot devices up and down the list. The device on top of the list is used first when the computer starts.

Step 4. Select **Exit → Exit saving changes**.

Change the boot mode

When installing an operating system for your computer, you may need to change the boot mode in the Lenovo setup utility.

© Copyright Lenovo 2018

Step 1. Start the Lenovo setup utility.

Step 2. On the boot menu, change boot mode to **UEFI** or **Legacy Support**.

Step 3. Select **Exit** → **Exit saving changes**.

Change the hotkey mode

Step 1. Start the Lenovo setup utility.

Step 2. In the Lenovo setup utility, select **Configuration** → **Hotkey Mode** and press Enter. Then, select **Disabled** or **Enabled** as desired.

Step 3. Select **Exit** → **Exit saving changes**.

Hotkey mode setting

You can press the hotkeys directly or in combination with the Fn key to access settings quickly. Some hotkeys share keys with functions keys (F1 to F12). You can change hotkey modes in the Lenovo setup utility.

Hotkey Mode setting	How to use hotkeys	How to use function keys
Disabled	Press the Fn key and one of the hotkeys simultaneously.	Press one of the function keys directly.
Enabled	Press the one of the hotkeys directly.	Press the Fn key and function keys simultaneously.

Enable or disable the Always on USB function

For some Lenovo computers that come with the Always on USB connectors, you can enable or disable the Always-on function in the Lenovo setup utility.

Step 1. Start the Lenovo setup utility.

Step 2. In the Lenovo setup utility, select **Configuration** → **Always On USB** and press Enter. Then, select **Disabled** or **Enabled** as desired.

Step 3. Select **Exit** → **Exit saving changes**.

Notes: When the computer is working on battery power and you need to charge devices through the Always On USB connector even when the computer is turned off or in sleep mode, do the following:

1. Start the Lenovo setup utility.
2. In the Lenovo setup utility, select **Configuration** → **Always On USB** and press Enter. Then, select **Enabled**.
3. Select the **Charge in Battery Mode** to **Enabled**. The option **Charge in Battery Mode** is supported only when **Always On USB** is enabled.

Chapter 4. Reset and restore Windows

Windows 10 recovery options

Windows 10 provides several options for you to restore or reset your computer. The following table helps you decide which option to choose if you are having problems with your computer.

Problem	Available options
Your computer is not working well after installing apps, drivers, or updates.	Restore from a system restore point.
Your computer is not working well and you do not know what causes the problem.	Reset your computer.
You want to recycle or donate your computer.	Reset your computer.
Windows cannot start properly.	Use a recovery drive to restore or reset your computer.

Restore from a system restore point

Step 1. In the search box of Windows desktop, search for **Recovery** and then select it.

Step 2. Select **Open System Restore → Next**.

Step 3. Select a restore point and then select **Next → Finish**.

Note: You may select **Scan for affected programs** to check which program and driver installation is associated with a particular restore point.

Windows System Restore

System Restore is a tool included in Windows 10. It monitors changes to Windows system files and saves system state as a restore point. If your computer does not work well after installing apps, drivers, or updates, you can revert your system to a previous restore point.

Note: If you revert your system to a previous restore point, personal data is not affected.

System Restore creates restore points:

- automatically (when it detects changes to Windows system files)
- at regular intervals (if set up by the user)
- at any time (if initiated manually by the user)

Note: In order for System Restore to create restore points, system protection must be turned on for the system drive.

Create a system restore point manually

You can use Windows System Restore to create a restore point at any time.

Step 1. In Windows 10 search box, type **Create a restore point** and select the matched result.

Step 2. Select the **System Protection** tab and then select **Create**.

© Copyright Lenovo 2018

Note: System protection must be turned on for the system drive (typically drive C) of your computer before you can create restore points. Select a drive and then select **Configure** to turn on or disable system protection.

Reset your computer

If your computer is not working well and you are not sure why, you may reset it.

Step 1. Open the Start menu.

Step 2. Click **Settings → Update & Security → Recovery**; and then select **Get started** under **Reset this PC**.

Step 3. Choose an option.

If you want to keep personal files, select **Keep my files**.

Otherwise, select **Remove everything**.

Note: If you are planning to donate, recycle, or sell your computer, use this option and choose to fully clean the drive. This might take an hour or longer, but it makes it harder for other people to recover your personal files.

Use a recovery drive to restore or reset your computer

For computers without a USB Type A connector, you need to purchase an adapter (USB Type C to Type A) to create and use a recovery drive.

Even if Windows cannot start, you can use a recovery drive (created in advance) to restore or reset your computer.

Step 1. Connect the recovery drive to your computer; restart your computer and set it up to start from the recovery drive.

Step 2. On the **Choose an option** screen, select **Troubleshoot**.

Step 3. Choose a recovery option.

Select **Advanced Options → System Restore** to restore your computer to a system restore point.

Or select **Recover from a drive** to reset your computer.

Note: If you did not select the **Back up system files to the recovery drive** option when creating the recovery drive, **Recovery from a drive** is not available.

Attention: All personal files created on your computer will be deleted after recovering from the drive.

Create a recovery drive

Use a USB drive (not supplied) to create a recovery drive. In cases Windows cannot start, it can be used to troubleshoot problems or reset computer.

Step 1. In Windows 10 search box, type **Create a recovery drive** and then select the matched result.

Note: The search box is located in the lower left corner of the desktop, next to the Start button.

Step 2. Make sure **Back up system files to the recovery drive** is selected and then select **Next**.

Step 3. Connect a USB drive to your computer, select it, and then select **Next → Create**.

Attention: Previous files on the drive will be deleted. Back up personal files before using it to create a recovery drive.

When recovery drive is created, you might see a **Delete the recovery partition from your PC** option. If you want to free up drive space on your computer, select it and then select **Delete**. Otherwise, select **Finish**.

Chapter 5. Accessibility, ergonomic, and maintenance information

Accessibility and comfort

Good ergonomic practice is important to get the most from your personal computer and to avoid discomfort. Arrange your workplace and the equipment you use to suit your individual needs and the kind of work that you perform. In addition, use healthy work habits to maximize your performance and comfort while using your computer.

Lenovo is committed to providing the latest information and technology to our customers with disabilities. Refer to our accessibility information which outlines our efforts in this area.

Ergonomic information

Working in the virtual office might mean adapting to frequent changes in your environment. Following some simple rules will make things easier and bring you the maximum benefits of your computer. Keeping in mind such basics as good lighting and proper seating, for example, can help you improve your performance and achieve greater comfort.

This example shows someone in a conventional setting. Even when not in such a setting, you can follow many of these tips. Develop good habits, and they will serve you well.

Figure 1. Illustration of proper seating and computer positioning

General posture

Make minor modifications in your working posture to deter the onset of discomfort caused by long periods of working in the same position. Frequent, short breaks from your work also help to prevent minor discomfort associated with your working posture.

Display

Position the display to maintain a comfortable viewing distance of 510-760 mm (20-30 inches). Avoid glare or reflections on the display from overhead lighting or outside sources of light. Keep the display screen clean and set the brightness to levels that enable you to see the screen clearly. Press the corresponding hotkeys on the keyboard to adjust display brightness.

Head position

Keep your head and neck in a comfortable and neutral (vertical or upright) position.

Chair

Use a chair that gives you good back support and seat height adjustment. Use chair adjustments to best suit your desired posture.

© Copyright Lenovo 2018

Arm and hand position

If available, use chair arm rests or an area on your working surface to provide weight support for your arms. Keep your forearms, wrists, and hands in a relaxed and neutral (horizontal) position. Type with a soft touch without pounding the keys.

Leg position

Keep your thighs parallel to the floor and your feet flat on the floor or on a footrest.

What if you are traveling?

It might not be possible to observe the best ergonomic practices when you are using your computer while on the move or in a casual setting. Regardless of the setting, try to observe as many of the tips as possible. Sitting properly and using adequate lighting, for example, will help you maintain desirable levels of comfort and performance.

Questions about vision?

The visual display screens of Lenovo notebook computers are designed to meet the highest standards and to provide you with clear, crisp images and large, bright displays that are easy to see, yet easy on the eyes. Of course, any concentrated and sustained visual activity can be tiring. If you have questions on eye fatigue or visual discomfort, consult a vision care specialist for advice.

Basic maintenance tips

- Keep your computer away from magnets, activated cellular phones, electrical appliances, or speakers (more than 13 cm or 5 inches).
- Avoid subjecting your computer to extreme temperatures (below 5 °C/41 °F or above 35 °C/95 °F).
- Avoid placing any objects (including paper) between the display and the keyboard or the palm rest.
- Do not turn your computer over when the ac power adapter is plugged in, otherwise, it could break the adapter plug.
- Before moving your computer, be sure to remove any media, turn off attached devices, and disconnect cords and cables.
- When picking up your open notebook computer, hold it by the bottom. Do not pick up or hold your notebook computer by the display.
- Avoid directly exposing your computer and peripherals to the air from an appliance that can produce negative ions. Wherever possible, ground your computer to facilitate safe electrostatic discharge.

Cleaning your computer

It is a good practice to clean your computer periodically to protect the surfaces and ensure trouble-free operation.

Cleaning the computer cover

Wipe it with a lint-free cloth dampened in mild soap and water. Avoid applying liquids directly to the cover.

Cleaning the keyboard

Wipe the keys one by one with a lint-free cloth dampened in mild soap and water. If you wipe several keys at a time, the cloth might hook onto an adjacent key and possibly damage it. Avoid spraying cleaner directly onto the keyboard. To remove any crumbs or dust from beneath the keys, you can use a camera blower with a brush or use cool air from a hair dryer.

Cleaning the computer screen

Scratches, oil, dust, chemicals, and ultraviolet light can affect the performance of your computer screen. Use a dry, soft lint-free cloth to wipe the screen gently. If you see a scratch-like mark on your screen, it might be a stain. Wipe or dust the stain gently with a soft, dry cloth. If the stain remains, moisten a soft, lint-free cloth with water or eyeglass cleaner, but do not apply liquids directly to your computer screen. Ensure that the computer screen is dry before closing it.

Appendix A. Compliance information

Lenovo compliance information Web sites

The latest electronic compliance and environmental information are available from the Lenovo compliance information Web sites.

- To view compliance information, go to http://www.lenovo.com/compliance
- To download environmental declarations, go to http://www.lenovo.com/ecodeclaration

Environmental and recycling information

General recycling 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 about recycling Lenovo products, go to http://www.lenovo.com/recycling.

Recycling information for China

《废弃电器电子产品处理管理条例》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/activity/551.htm。

Japan recycling statements

Collecting and recycling a disused Lenovo computer or monitor

If you are a company employee and need to dispose of a Lenovo computer or monitor that is the property of the company, you must do so in accordance with the Law for Promotion of Effective Utilization of Resources. Computers and monitors are categorized as industrial waste and should be properly disposed of by an industrial waste disposal contractor certified by a local government. In accordance with the Law for Promotion of Effective Utilization of Resources, Lenovo Japan provides, through its PC Collecting and Recycling Services, for the collecting, reuse, and recycling of disused computers and monitors. For details, visit the Lenovo Web site at http://www.lenovo.com/recycling/japan.

Pursuant to the Law for Promotion of Effective Utilization of Resources, the collecting and recycling of home-used computers and monitors by the manufacturer was begun on October 1, 2003. This service is provided free of charge for home-used computers sold after October 1, 2003. For details, go to http://www.lenovo.com/recycling/japan.

Disposing of Lenovo computer components

Some Lenovo computer products sold in Japan may have components that contain heavy metals or other environmental sensitive substances. To properly dispose of disused components, such as a printed circuit board or drive, use the methods described above for collecting and recycling a disused computer or monitor.

© Copyright Lenovo 2018

Disposing of disused lithium batteries from Lenovo computers

A button-shaped lithium battery is installed inside your Lenovo computer to provide power to the computer clock while the computer is off or disconnected from the main power source. If you need to replace it with a new one, contact your place of purchase or contact Lenovo for service. If you need to dispose of a disused lithium battery, insulate it with vinyl tape, contact your place of purchase or an industrial-waste-disposal operator, and follow their instructions.

Disposal of a lithium battery must comply with local ordinances and regulations.

Disposing of a disused battery from Lenovo notebook computers

Your Lenovo notebook computer has a lithium ion battery or a nickel metal hydride battery. If you are a company employee who uses a Lenovo notebook computer and need to dispose of a battery, contact the proper person in Lenovo sales, service, or marketing, and follow that person's instructions. You also can refer to the instructions at https://www.lenovo.com/jp/ja/environment/recycle/battery/.

If you use a Lenovo notebook computer at home and need to dispose of a battery, you must comply with local ordinances and regulations. You also can refer to the instructions at https://www.lenovo.com/jp/ja/environment/recycle/battery/.

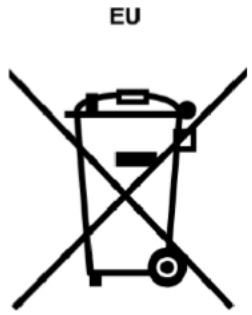
Brazil recycling information

Descarte de um Produto Lenovo Fora de Uso

Equipamentos elétricos e eletrônicos não devem ser descartados em lixo comum, mas enviados à pontos de coleta, autorizados pelo fabricante do produto para que sejam encaminhados e processados por empresas especializadas no manuseio de resíduos industriais, devidamente certificadas pelos orgãos ambientais, de acordo com a legislação local.

A Lenovo possui um canal específico para auxiliá-lo no descarte desses produtos. Caso você possua um produto Lenovo em situação de descarte, ligue para o nosso SAC ou encaminhe um e-mail para: reciclar@lenovo.com, informando o modelo, número de série e cidade, a fim de enviarmos as instruções para o correto descarte do seu produto Lenovo.

Battery recycling information for the European Union



Note: This mark applies only to countries within the European Union (EU).

Batteries or packaging for batteries are labeled in accordance with European Directive 2006/66/EC concerning batteries and accumulators and waste batteries and accumulators. The Directive determines the framework for the return and recycling of used batteries and accumulators as applicable throughout the European Union. This label is applied to various batteries to indicate that the battery is not to be thrown away, but rather reclaimed upon end of life per this Directive.

In accordance with the European Directive 2006/66/EC, batteries and accumulators are labeled to indicate that they are to be collected separately and recycled at end of life. The label on the battery may also include a chemical symbol for the metal concerned in the battery (Pb for lead, Hg for mercury, and Cd for cadmium). Users of batteries and accumulators must not dispose of batteries and accumulators as unsorted municipal waste, but use the collection framework available to customers for the return, recycling, and treatment of batteries and accumulators. Customer participation is important to minimize any potential effects of batteries and accumulators on the environment and human health due to the potential presence of hazardous substances.

Before placing electrical and electronic equipment (EEE) in the waste collection stream or in waste collection facilities, the end user of equipment containing batteries and/or accumulators must remove those batteries and accumulators for separate collection.

Disposing of lithium batteries and battery packs from Lenovo products

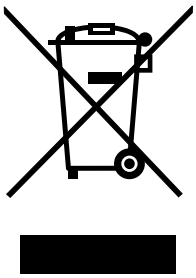
A coin-cell type lithium battery might be installed inside your Lenovo product. You can find details about the battery in the product documentation. If the battery needs to be replaced, contact your place of purchase or contact Lenovo for service. If you need to dispose of a lithium battery, insulate it with vinyl tape, contact your place of purchase or a waste-disposal operator, and follow their instructions.

Disposing of battery packs from Lenovo products

Your Lenovo device might contain a lithium ion battery pack or a nickel metal hydride battery pack. You can find details on the battery pack in the product documentation. If you need to dispose of a battery pack, insulate it with vinyl tape, contact Lenovo sales, service, or your place of purchase, or a waste-disposal operator, and follow their instructions. You also can refer to the instructions provided in the user guide for your product.

For proper collection and treatment, go to http://www.lenovo.com/lenovo/environment.

Important WEEE information



The WEEE marking on Lenovo products applies to countries with WEEE and e-waste regulations (for example, the European WEEE Directive, India E-Waste Management Rules). Appliances are labeled in accordance with local regulations concerning waste electrical and electronic equipment (WEEE). These regulations determine the framework for the return and recycling of used appliances as applicable within each geography. This label is applied to various products to indicate that the product is not to be thrown away, but rather put in the established collection systems for reclaiming these end of life products.

Users of electrical and electronic equipment (EEE) with the WEEE marking must not dispose of end of life EEE as unsorted municipal waste, but use the collection framework available to them for the return, recycle, and recovery of WEEE and to minimize any potential effects of EEE on the environment and human health due to the presence of hazardous substances. Lenovo electrical and electronic equipment (EEE) may contain parts and components, which at end-of-life might qualify as hazardous waste.

EEE and waste electrical and electronic equipment (WEEE) can be delivered free of charge to the place of sale or any distributor that sells electrical and electronic equipment of the same nature and function as the used EEE or WEEE.

For additional WEEE information go to http://www.lenovo.com/recycling.

WEEE information for Hungary

A magyar törvények értelmében, a 197/2014 (VIII.1.) kormányrendelet 12. szakaszának (1)-(5) cikkében foglaltak szerint Lenovo mint gyártó állja a keletkező költségeket.

China RoHS

为满足中国电子电器产品有害物质限制相关的法律法规和其他要求，联想公司对本产品中有害物质按部件分类，声明如下。

部件名称	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	○	○	○	○	○
硬盘	X	○	○	○	○	○
LCD面板（LED背光源）	X	○	○	○	○	○
键盘	X	○	○	○	○	○
内存	X	○	○	○	○	○
电池	X	○	○	○	○	○
电源适配器	X	○	○	○	○	○
底壳、顶壳和扬声器	X	○	○	○	○	○

	在中华人民共和国境内销售的电子信息产品必须带有此“环保使用期限”（EPuP）标志。圆圈内的数字标示正常使用状态下产品的环保使用期限。

Note: 本表格依据SJ/T 11364的规定编制。某些型号的产品可能不包含表中的部分部件。

○：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。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、电容和连接器等。

India RoHS

RoHS compliant as per E-waste (Management) Rules.

European Union RoHS

This Lenovo product, with included parts (cables, cords, and so on) meets 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 worldwide compliance on RoHS, go to: www.lenovo.com/rohs-communication.

ENERGY STAR information

ENERGY STAR® is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy aimed at saving money and protecting the environment through energy efficient products and practices.

Lenovo is proud to offer our customers products with the ENERGY STAR qualified designation. Lenovo computers of machine type(s) 81J7, if the ENERGY STAR mark is affixed, have been designed and tested to conform to the ENERGY STAR program requirements for computers.

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

For more information about ENERGY STAR, go to: http://www.energystar.gov.

Lenovo encourages you to make efficient use of energy an integral part of your day-to-day operations. To help in this endeavor, Lenovo has preset the following power-management features to take effect when your computer has been inactive for a specified length of time:

Table 1. Default power-saving settings (Windows 10)

Power plan	Power-saving settings (plugged in)
Balanced	• Turn off the display: after 10 minutes • Put the computer to sleep: after 30 minutes

To wake your computer from sleep mode, press the Power button or any key on the keyboard.

Electromagnetic compatibility notices

Federal Communications Commission (FCC) Supplier's Declaration of Conformity

The following information applies to ideapad S530-13IWL, machine type: 81J7.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an authorized dealer or service representative for help.

Lenovo is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible party:

Lenovo (United States) Incorporated
7001 Development Drive
Morrisville, NC 27560
Email: FCC@lenovo.com

Industry Canada compliance statement

CAN ICES-3(B)/NMB-3(B)

German Class B compliance statement

Hinweis zur Einhaltung der Klasse B zur elektromagnetischen Verträglichkeit

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie zur elektromagnetischen Verträglichkeit Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der Klasse B der Norm gemäß Richtlinie.

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

Zustimmung der Lenovo verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung der Lenovo gesteckt/eingebaut werden.

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Betriebsmitteln, EMVG vom 20. Juli 2007 (früher Gesetz über die elektromagnetische Verträglichkeit von Geräten), bzw. der EU Richtlinie 2014/30/EU, der EU Richtlinie 2014/53/EU Artikel 3.1b), für Geräte der Klasse B.

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen. Verantwortlich für die Konformitätserklärung nach Paragraf 5 des EMVG ist die Lenovo (Deutschland) GmbH, Meitnerstr. 9, D-70563 Stuttgart.

Declaration of conformity to EU directives

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

Models without a radio device

This product is in conformity with the protection requirements of EU Council EMC Directive 2014/30/EU on the approximation of the laws of the Member States relating to electromagnetic compatibility.

Models with a radio device

This product is in conformity with all the requirements and essential norms that apply to EU Council Radio Equipment Directive 2014/53/EU on the approximation of the laws of the Member States relating to radio equipment. The full text of the system EU declaration of conformity and the EU wireless module declarations are available at following Internet addresses:

- For notebook computers: http://www.lenovo.com/eu-doc-notebooks
- For tablets: http://www.lenovo.com/eu-doc-tablets

Lenovo cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the installation of option cards from other manufacturers. This product has been tested and found to comply with the limits for Class B equipment according to European Standards harmonized in the Directives in compliance. The limits for Class B equipment were derived for typical residential environments to provide reasonable protection against interference with licensed communication devices.

Japan compliance statement for products which connect to the power mains with rated current less than or equal to 20 A per phase

日本の定格電流が 20A/相 以下の機器に対する高調波電流規制
高調波電流規格 JIS C 61000-3-2 適合品

Japan notice for ac power cord

The ac power cord shipped with your product can be used only for this specific product. Do not use the ac power cord for other devices.

本製品およびオプションに電源コード・セットが付属する場合は、
それぞれ専用のものになっていますので他の電気機器には使用し
ないでください。

Other compliance notices

Brazil audio caution statement

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

Export classification notice

This product is subject to the United States Export Administration Regulations (EAR) and has an Export Classification Control Number (ECCN) of 5A992.c. It can be re-exported except to any of the embargoed countries in the EAR E1 country list.

Taiwan precautionary vision statement

警語：使用過度恐傷害視力

注意事項：

- 使用30分鐘請休息10分鐘
- 2歲以下幼兒不看螢幕，2歲以上每天看螢幕不要超過1小時

Limited and restricted rights notice

If data or software is delivered pursuant a General Services Administration “GSA” contract, use, reproduction, or disclosure is subject to restrictions set forth in Contract No. GS-35F-05925.

Appendix B. Lenovo help and support

Lenovo support Web site

Technical support information is available on the Lenovo support Web site at http://www.lenovo.com/support.

Call Lenovo customer support center

If you have tried to correct the problem yourself but still need help, during the warranty period, you can get help and information by telephone through the customer support center.

Before calling customer support

Ensure that you have downloaded the most current drivers and system updates and recorded information about your computer before you call. When calling for technical assistance, have the following information available.

- Machine type and model
- Serial number of your computer
- Description of the problem
- Exact wording of any error messages
- Hardware and software configuration information

Services supported by Lenovo customer support center

The following services are available during the warranty period.

- Problem determination - Trained personnel are available to assist you with determining if you have a hardware problem and deciding what action is necessary to fix the problem.
- Lenovo hardware repair - If the problem is determined to be caused by Lenovo hardware under warranty, trained service personnel are available to provide the applicable level of service.
- Engineering change management - Occasionally, there might be changes that are required after a product has been sold. Lenovo or your reseller, if authorized by Lenovo, will make selected Engineering Changes (ECs) that apply to your hardware available.

Services not supported by Lenovo customer support center

- Replacement or use of parts not manufactured for or by Lenovo or non-warranted parts
- Identification of software problem sources
- Configuration of UEFI BIOS as part of an installation or upgrade
- Changes, modifications, or upgrades to device drivers
- Installation and maintenance of network operating systems (NOS)
- Installation and maintenance of programs

Support phone numbers

For the Lenovo support phone number for your country or region, go to http://www.lenovo.com/support/phone.

© Copyright Lenovo 2018

Note: Phone numbers are subject to change without notice. If the number for your country or region is not provided, contact your Lenovo reseller or Lenovo marketing representative.

Appendix C. Lenovo Limited Warranty

L505-0010-02 08/2011

This Lenovo Limited Warranty consists of the following parts:

- Part 1 – General Terms
- Part 2 – Country-specific Terms (also see the “supplemental updates to Part 2” on page 43 at the end of the warranty)
- Part 3 – Warranty Service Information

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

Part 1 - General Terms

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

This Lenovo Limited Warranty is available in other languages at www.lenovo.com/warranty.

What this Warranty Covers

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

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

How to Obtain Warranty Service

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

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

Customer Responsibilities for Warranty Service

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

- follow the service request procedures specified by the Service Provider

© Copyright Lenovo 2018

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

What Your Service Provider Will Do to Correct Problems

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

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

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

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

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

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

Replacement Products and Parts

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

Use of Personal Contact Information

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

What This Warranty Does not Cover

This warranty does not cover the following:

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

Limitation of Liability

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

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

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

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

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

Your Other Rights

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

Part 2 – Country-specific Terms

Australia

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

The following replaces the same section in Part 1:

What this Warranty Covers

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

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

The following replaces the same section in Part 1:

Replacement Products and Parts

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

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

Use of Personal Contact Information

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

The following replaces the same section in Part 1:

Limitation of Liability

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

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

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

SAVINGS. IN NO CASE SHALL THE TOTAL LIABILITY OF LENOVO, ITS AFFILIATESS, SUPPLIERS, RESELLERS OR SERVICE PROVIDERS FOR DAMAGES FROM ANY CAUSE EXCEED THE AMOUNT OF ACTUAL DIRECT DAMAGES, NOT TO EXCEED THE AMOUNT PAID FOR THE PRODUCT.

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

The following replaces the same section in Part 1:

Your Other Rights

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

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

New Zealand

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

Use of Personal Information

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

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

The following is added to Part 1:

Dispute Resolution

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

European Economic Area (EEA)

The following is added to Part 1:

Customers in the EEA may contact Lenovo at the following address: EMEA Service Organization, Lenovo (International) B.V., Floor 2, Einsteinova 21, 851 01, Bratislava, Slovakia. Service under this warranty for

Lenovo hardware products purchased in EEA countries may be obtained in any EEA country in which the product has been announced and made available by Lenovo.

Russia

The following is added to Part 1:

Product Service Life

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

Part 3 - Warranty Service Information

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

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

Types of Warranty Service

1. Customer Replaceable Unit ("CRU") Service

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

2. On-site Service

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

3. Courier or Depot Service

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

4. Customer Carry-In Service

Under Customer Carry-In Service, your product will be repaired or exchanged after you deliver it to a designated service center at your risk and expense. After the product has been repaired or exchanged, it will

be made available to you for collection. If you fail to collect the product, the Service Provider may dispose of the product as it sees fit, with no liability to you.

5. Mail-In Service

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

6. Customer Two-Way Mail-In Service

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

7. Product Exchange Service

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

Supplemental update to Part 2 for Australia (2017)

"Lenovo" means Lenovo (Australia & New Zealand) Pty Limited ABN 70 112 394 411. Level 4, 12 Help Street, Chatswood NSW 2057. Telephone: +61 2 8003 8200. E-mail: lensyd_au@lenovo.com

We are required by the Australian Consumer Law to include the following statement:

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

Use of personal information

If you obtain service under this warranty, your contact information, including name, phone numbers, address, and e-mail address may be collected by Lenovo from you directly or from our authorized service providers and used in connection with performing Warranty Service. We may also contact you to inquire about your satisfaction with our warranty service or to notify you about any product recalls or safety issues. In accomplishing these purposes, we may provide your information to a third party or related entity we use to support us in providing the Warranty Service. These third parties and related entities may be located outside Australia. The relevant countries change from time to time (eg, as we change our third party support arrangements) and it is not practicable to list those countries here. We require all parties to whom we disclose your contact information to only use that information for the purpose of supporting us to provide the Warranty Service and to take appropriate steps to protect your contact information from unauthorized use or disclosure. We may also disclose your contact information where required or permitted by law. Lenovo's privacy policy is available at http://www.lenovo.com/privacy/au/en/. Our policy contains details about our process for managing any queries or complaints regarding handling personal information.

Lenovo and Third-Party Software Support

Lenovo will provide direct telephone support for installation and basic usage problems for core software applications on the supported core software list found at www.lenovo.com/prioritysupport.

If Lenovo determines the performance of your product is related to a third-party software application on the collaborative support software list found at www.lenovo.com/prioritysupport, Lenovo will recommend you contact the third party software supplier and provide a contact number if possible.

The service provided by Lenovo under this section is limited to as described above. To the extent permitted by law, Lenovo is not responsible for third-party software or the acts or omissions of any software supplier.

Supplemental update to Part 2 for New Zealand (2017)

You have the right to access your personal information and request correction of any errors in it pursuant to the Privacy Act 1993 by contacting Lenovo (Australia & New Zealand) Pty Limited ABN 70 112 394 411. Address: Level 4, 12 Help Street, Chatswood NSW 2057. Telephone: +61 2 8003 8200. Email: lensyd_au@lenovo.com

Trademarks

LENOVO and the LENOVO logo are trademarks of Lenovo. Windows is a trademark of the Microsoft Corporation. The terms HDMI and HDMI High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. USB-C is a trademark of USB Implementers Forum. All other trademarks are the property of their respective owners. © 2018 Lenovo.

Lenovo