



Safety and Warranty Guide

ThinkPad Edge E120, E125, E320, and E325

Note

Before using this information and the product it supports, be sure to read and understand the following:

- “Important safety information” on page iii
- “Wireless WAN and LAN regulatory information” on page 21
- *Regulatory Notice*
- Wireless related information in the *User Guide*

The *Regulatory Notice* and *User Guide* are available on the Lenovo Support Web site. To obtain a PDF version of them, go to <http://www.lenovo.com/support>, click **User Guides & Manuals**, and then follow the instructions on the screen.

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Contents

Important safety information	iii
Conditions that require immediate action	iii
Safety guidelines	iv
Hazardous moving parts statement	iv
General battery notice	v
Electrical current safety information	viii
Products with television tuner options installed	viii
Note to CATV system installer	viii
Example of antenna grounding	ix
Using headphones or earphones	x
Data safety	xi
Additional safety information	xi
 Chapter 1. Finding information.	 1
User Guide	1
Locating the Lenovo Limited Warranty information	1
Lenovo Web site (http://www.lenovo.com)	1
Lenovo Support Web site	2
Recording your computer information	2
 Chapter 2. Getting help and service	 3
Getting Microsoft Service Packs	3
Getting help on the Web	3
Calling the Customer Support Center	3
Getting help around the world.	4
Frequently asked questions	5
Lenovo product service information for Taiwan	5
Worldwide telephone list	5
 Appendix A. Lenovo Limited Warranty	 13
Types of Warranty Service	13
Suplemento de Garantía para México	15
 Appendix B. Customer Replaceable Units	 17
 Appendix C. Regulatory information	 21
Wireless WAN and LAN regulatory information	21
Electronic emissions notices	21

Appendix D. WEEE and recycling statements. **23**

China WEEE statement 23

Japan recycling statements 23

Taiwan recycling statement 24

Appendix E. Notices **25**

Power cord notice 25

Polyvinyl Chloride (PVC) cable and cord notice 25

China substance disclosure table 26

Turkish statement of compliance 26

Ukraine RoHS 27

ENERGY STAR model information 27

Trademarks. 29

Important safety information

Note:

Read important safety information first.

This information can help you safely use your notebook personal 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 Lenovo® Limited Warranty. For more information, refer to your product warranty. Specific terms for your country are available in “Types of Warranty Service” on page 13. You can view the Lenovo Limited Warranty during initial setup of your notebook and also on the Lenovo Web site: <http://www.lenovo.com/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, refer to the Customer Support Phone List that was included with the product or see the following Web site:

<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.
- 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.

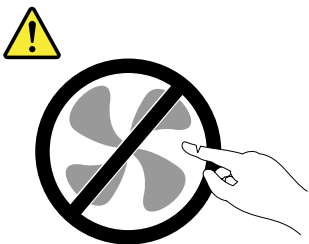
Safety guidelines

This section contains the required safety guidelines. More comprehensive safety information is included in the *User Guide* for this product. Always observe the following precautions to reduce the risk of injury and property damage.

Hazardous moving parts statement

CAUTION:

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



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.

This system does not support batteries that are not genuine Lenovo-made or authorized. The system will continue to boot, but may not charge unauthorized batteries. Attention: Lenovo has no responsibility for the performance or safety of unauthorized batteries, and provides no warranties for failures or damage arising out of their use.

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 can also pose a safety hazard. Do not let rechargeable Lithium-Ion batteries completely discharge or store these batteries in a discharged state.

Rechargeable battery notice



DANGER

Do not attempt to disassemble or modify the battery pack. Attempting to do so can cause an explosion, or liquid leakage from the battery pack. A battery pack other than the one specified by Lenovo, or a disassembled or modified battery pack is not covered by the warranty.

If the rechargeable battery pack is incorrectly replaced, there is danger of an explosion. The battery pack contains a small amount of harmful substances. To avoid possible injury:

- **Replace only with a battery of the type recommended by Lenovo.**
- **Keep the battery pack away from fire.**
- **Do not expose it to water or rain.**
- **Do not attempt to disassemble it.**
- **Do not short-circuit it.**
- **Keep it away from children.**
- **Do not drop the battery pack.**

Do not put the battery pack in trash that is disposed of in landfills. When disposing of the battery, comply with local ordinances or regulations.

The battery pack should be stored at room temperature, charged to approximately 30 to 50% of capacity. We recommend that battery pack be charged about once per year to prevent overdischarge.

Lithium coin cell battery notice



DANGER

Danger of explosion if battery is incorrectly replaced.

When replacing the lithium coin cell battery, use only the same or an 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 CR (manganese dioxide) lithium coin cell batteries may contain perchlorate.

Perchlorate Material - special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate

Power supply statement



DANGER

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



Electrical current safety information



DANGER

Electric current from power, telephone, and communication cables is hazardous.



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.

Products with television tuner options installed

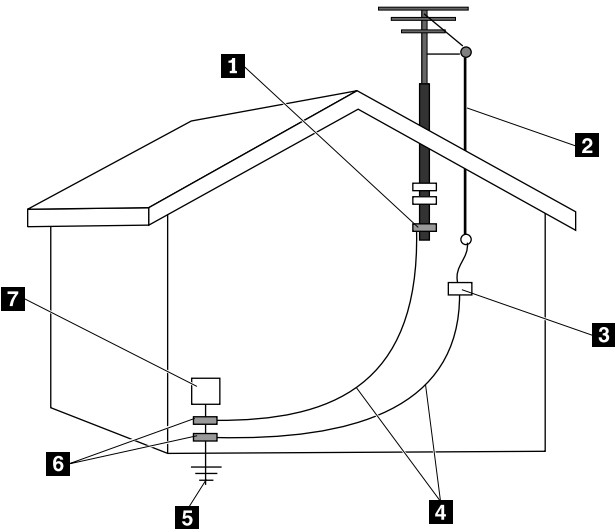
The notice below applies to products containing television (TV) tuner devices that connect to external antennas or to cable/CATV systems, or both, and that are intended to be installed in North America. Users and installers in other countries should follow local codes and ordinances when installing appliances that connect to external antennas and cable/CATV systems. If local codes are not applicable, it is recommended that users/installers follow guidelines similar to those that follow.

Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close as possible to the point of cable entry as practical.

Example of antenna grounding

Proper grounding for the cable



- | | | | |
|----------|---|----------|--|
| 1 | Ground clamp | 5 | Power service grounding electrode system (NEC Article 250, Part H) |
| 2 | Antenna lead-in wire | 6 | Ground clamps |
| 3 | Antenna discharge unit (NEC Section 810-20) | 7 | Electronic service equipment |
| 4 | Grounding conductors (NEC Section 810-21) | | |

Figure 1. Proper grounding for the cable

The following notice applies to all countries and regions:



DANGER

Outdoor antenna grounding

If an outside antenna or cable system is connected to the equipment, be sure the antenna or cable system is grounded as to provide some protection against voltage surges and built-up static charges.

Lightning

For added protection for this equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power line surges.

Power lines

An outside antenna system should not be located in the vicinity of overhead power lines or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them may be fatal.

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 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.

Data safety

Do not delete unknown files or change the name of files or directories that were not created by you; otherwise, your computer software might fail to work.

Be aware that accessing network resources can leave your computer vulnerable to computer viruses, hackers, spyware, and other malicious activities that might damage your computer, software, or data. It is your responsibility to ensure that you have adequate protection in the form of firewalls, antivirus software, and anti-spyware software and keep this software up to date.

Additional safety information



DANGER

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

Chapter 1. Finding information

This topic provides information about your product. The information can also be found on the computer, on the Lenovo Web site, and in the box.

User Guide

This *Safety and Warranty Guide* includes the minimal required safety statements for shipping the product. Refer to the *User Guide* for this product to read the comprehensive safety and emissions statements and explanations.

The *User Guide* is available on the Lenovo Support Web site, <http://www.lenovo.com/support>, and also you can start it on your computer.

To start this program, do the following:

For Windows® 7:

1. Click **Start → Help and Support**. The Windows Help and Support window opens.
2. Click **Lenovo User Guide**.
3. In the Lenovo User Guide window, click the link for your model and the *User Guide* will open.

For Windows XP:

1. Click **Start → All Programs → ThinkVantage → Lenovo User Guide**.
2. In the Lenovo User Guide window, click the link for your model and the *User Guide* will open.

Locating the Lenovo Limited Warranty information

The Lenovo Limited Warranty information is available at:
http://www.lenovo.com/warranty/llw_02

Lenovo Web site (<http://www.lenovo.com>)

The Lenovo Web site provides up-to-date information and services to help you buy, upgrade, and maintain your computer. You can also do the following:

- Shop for desktop and notebook computers, monitors, projectors, upgrades and accessories for your computer, and special offers.
- Purchase additional services, such as support for hardware, operating systems, application programs, network setup and configuration, and custom installations.

- Purchase upgrades and extended hardware repair services.

Lenovo Support Web site

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

This Web site is updated with the latest support information such as the following:

- Drivers and software
- Diagnostic solutions
- Product and service warranty
- Product and parts details
- User guides and manuals
- Knowledge base and frequently asked questions

Recording your computer information

Recording information about your computer can be helpful if you ever need to have your computer serviced. The service technician will probably ask you for this information.

The machine type, model, and serial number are labeled on your computer. Use the following table to record this information.

Product name	_____
Machine type and model	_____
Serial number (S/N)	_____
Date of purchase	_____

You can register your computer by following the instructions at:
<http://www.lenovo.com/register>

You will receive the following benefits after registering your computer:

- Faster service when you call for help
- Automatic notification of free software and special promotional offers

Chapter 2. Getting help and service

If you need help, service, technical assistance, or just want more information about ThinkPad Notebooks, you will find a wide variety of sources available from Lenovo to assist you. This topic contains information about where to go for additional information about ThinkPad Notebooks, what to do if you experience a problem with your computer, and whom to call for service should it be necessary.

Getting Microsoft Service Packs

Microsoft® Service Packs are the latest software source for Windows product updates. They are available via Web download (connection charges may apply) or via a disc. For more specific information and links, please go to the Microsoft Web site at <http://www.microsoft.com>. Lenovo offers Up and Running technical assistance with installation of, or questions related to, Service Packs for your Lenovo-preinstalled Microsoft Windows product. For information, please contact the Customer Support Center at the phone number(s) listed in “Worldwide telephone list” on page 5. Some fees might apply.

Getting help on the Web

You can find support information for your ThinkPad notebook computer at <http://www.lenovo.com/support>. Research this Web site to learn how to solve problems, find new ways to use your computer, and learn about options that can make working with your ThinkPad notebook computer even easier.

Calling the Customer Support Center

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

The following items are not covered:

- Replacement or use of parts not manufactured for or by Lenovo or nonwarranted parts

Note: All warranted parts contain a 7-character identification in the format FRU XXXXXXX.

- Identification of software problem sources
- Configuration of 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 application programs

To determine if your machine is in warranty and when the warranty expires, go to <http://www.lenovo.com/support>, and click **Warranty**, then follow the instructions on the screen.

For the terms and conditions of the Lenovo Limited Warranty that applies to your Lenovo hardware product, see “Types of Warranty Service” on page 13.

If possible, be near your computer when you make your call in case the technical assistance representative needs to help you resolve a computer problem. Please ensure that you have downloaded the most current drivers and system updates, run diagnostics, and recorded information before you call. When calling for technical assistance, please have the following information available:

- Machine Type and Model
- Serial numbers of your computer, monitor, and other components, or your proof of purchase
- Description of the problem
- Exact wording of any error messages
- Hardware and software configuration information for your system

The telephone numbers for your Customer Support Center location are located in “Worldwide telephone list” on page 5.

Note: Telephone numbers are subject to change without notice. For the latest list of Customer Support Center telephone numbers and hours of operation, visit the Support Web site at <http://www.lenovo.com/support/phone>. If the number for your country or region is not listed, contact your Lenovo reseller or Lenovo marketing representative.

Getting help around the world

If you travel with your computer or relocate it to a country where your ThinkPad machine type is sold, your computer might be eligible for International Warranty Service, which automatically entitles you to obtain warranty service throughout

the warranty period. Service will be performed by service providers authorized to perform warranty service.

Service methods and procedures vary by country, and some services might not be available in all countries. International Warranty Service is delivered through the method of service (such as depot, carry-in, or on-site service) that is provided in the servicing country. Service centers in certain countries might not be able to service all models of a particular machine type. In some countries, fees and restrictions might apply at the time of service.

To determine whether your computer is eligible for International Warranty Service and to view a list of the countries where service is available, go to <http://www.lenovo.com/support>, click **Warranty**, and follow the instructions on the screen.

Frequently asked questions

To ensure that you receive the best performance from your computer, browse the following Web page to find information such as aids for troubleshooting and answers to frequently asked questions:

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

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
台北市信義區信義路五段七號十九樓之一
服務電話：0800-000-702

Worldwide telephone list

Phone numbers are subject to change without notice. For the most current phone numbers, go to <http://www.lenovo.com/support/phone>.

Country or region	Telephone number
Africa	Africa: +44 (0)1475-555-055 South Africa: +27-11-3028888, 0800110756 and +27-11- 3027252 Central Africa: Contact the nearest Lenovo Business Partner
Algeria	+33 6 7348 1739 (French, English)
Argentina	0800-666-0011 (Spanish)
Australia	131-426 (English)

Country or region	Telephone number
Austria	01-24592-5901 43-810-100654 (Warranty service and support) (German)
Bahrain	Kanoo IT: 00 973 1771 1722 Bahrain Business Machine LLC: 00 973 1758 4302
Belgium	02-210-9820 +32 (0)2 339 3611 (Warranty service and support) (Dutch) 02-210-9800 02-225-3611 (Warranty service and support) (French)
Bolivia	0800-10-0189 (Spanish)
Brazil	Calls made from within the Sao Paulo region: (11) 3889-8986 Calls made from outside the Sao Paulo region: 0800-701-4815 (Brazilian Portuguese)
Brunei	801-1041 (English, Bahasa Melayu)
Canada	1-800-565-3344 (English, French)
Caribbean (Bermuda, Jamaica, Tortola)	1-800 426 7378 (English)
Chile	800-361-213 or 188-800-442-488 (Toll free) (Spanish)
China	Technical Support Line 800-990-8888 86-10-58851110 (Mandarin)
China (Hong Kong S.A.R.)	ThinkPad (Technical enquiry hotline): 2516-3939 ThinkPad Service Center: 3140-2788 (Cantonese, English, Mandarin)
China (Macau S.A.R.)	ThinkPad (Technical enquiry hotline): 0800-839 ThinkPad Service Center: 2871-5399 (Cantonese, English, Mandarin)
Colombia	1-800-912-3021 (Spanish)
Costa Rica	0-800-011-1029 (Spanish)
Croatia	0800-0426
Cyprus	+357-22-841100
Czech Republic	+420-2-7213-1316

Country or region	Telephone number
Denmark	4520-8200 7010-5150 (Warranty service and support) (Danish)
Dominican Republic	1-866-434-2080 (Spanish)
Ecuador	1-800-426911 (Spanish)
Egypt	202-25948500 (English, Arabic)
El Salvador	800-6264 (Spanish)
Estonia	+372 66 00 800 +372 6776793
Finland	09-459-6960 +358-800-1-4260 (Warranty service and support) (Finnish)
France	0238-557-450 Hardware: 0810-631-213 (Warranty service and support) Software: 0810-631-020 (Warranty service and support) (French)
Germany	07032-15-49201 01805-00 46 18 (Warranty service and support) (German)
Greece	+30-210-680-1700
Guatemala	1800-624-0051 (Spanish)
Honduras	Tegucigalpa: 232-4222 San Pedro Sula: 552-2234 (Spanish)
Hungary	+36 1 3825716 +36 1 3825720 (English, Hungarian)
India	1800-425-2666 or +91-80-2535-9183 (English)
Indonesia	021 5238 823 001-803-606-282 (Local number only) +603 8315 6859 (DID) (English, Bahasa Indonesia)
Ireland	01-815-9202 01-881-1444 (Warranty service and support) (English)
Israel	Givat Shmuel Service Center: +972-3-531-3900 (Hebrew, English)

Country or region	Telephone number
Italy	02-7031-6101 +39-800-820094 (Warranty service and support) (Italian)
Japan	ThinkPad battery recall: 0120-277-874
	PC Products Toll Free: 0120-20-5550/5555 For International: +81-46-266-4716 Note: The above numbers will be answered with a Japanese language voice prompt. For telephone support in English, please wait for the Japanese voice prompt to end, and an operator will answer. Please ask for "English support please," and your call will be transferred to an English speaking operator.
	PC Software 0120-558-695 Overseas calls: +81-44-200-8666 (Japanese)
Jordan	Jordan Business Systems: 00 962 6 5000999 (ext. 713/127) General Computer & Electronic (GCE): 00 962 6 551 3879
Korea	1588-6782 (Korean)
Kuwait	Easa Hussain Al Yousifi: 00 965 2244 5280 AM. KHORAFI: 00 965 2200 1100 1127 Khorafi Business Machines (KBM): 00 965 2259 4611 Diyar United Company: 00 965 4378 383 Redington Kuwait: 00 965 2433 3203, 25456250 / 25456251
Latvia	+371 7070360
Lebanon	Quantech: 00 961 1999 500 Computer Business Machine (CBM): 00 961 1680 180 El Haceb S.A.L: 00 961 1771 300
Lithuania	+370 5 278 66 00
Libya	+33 6 7348 1739 (French, English)
Luxembourg	+32 (0)2 339 3611 +35 229 8977 5063 (French)
Malaysia	1800-88-1889 (Local number only) +603 8315 6855 (DID) (English, Bahasa Melayu)
Malta	+35621445566

Country or region	Telephone number
Mexico	001-866-434-2080 (Spanish)
Middle East	+44 (0)1475-555-055
Netherlands	+31 (0)20 513 3939 (Dutch)
New Zealand	0800-733-222 (English)
Nicaragua	001-800-220-1830 (Spanish)
Norway	6681-1100 8152-1550 (Warranty service and support) (Norwegian)
Oman	Khimji Ramdas Computer Communication Systems: 00 968 2469 6255 Overseas Business Machines (OBM): 00 968 2460 1072, 2460 5018 Gulf Business Machines Services: (GBMS) 00 968 2455 9831
Pakistan	INFO TECH (pvt) Ltd.: 00 924 2111 427 427 International Office Products (pvt) Ltd.: 00 92 212 422 569, 00 92 213 241 2023 Selling Business Systems: 00 92 21 568 9823
Panama	206-6047 001-866-434-2080 (Lenovo Customer Support Center - Toll free) (Spanish)
Paraguay	009-800-52-10026 (Spanish)
Peru	0-800-50-866 (Spanish)
Philippines	1800-1601-0033 (Local number only) +603 8315 6858 (DID) (English, Filipino)
Poland	+48 22 760-73-00 (Polski)
Portugal	+351 21 892 7046 (Portuguese)
Qatar	Al Mana Computer Services: 00 974 4489 966 (ext. 1992) Qatar Computer Services W.L.L: 00 974 4441 212 Gulf Business Machines: 00-974 462 1395
Romania	+4-021-224-4015
RUCIS (Russia and CIS)	For Russia: 8 800 100 7888 (Toll free number) For CIS Countries: 0040 31 620 5099 (Payable) (Russian and English)

Country or region	Telephone number
Saudi Arabia	800 8200140 (English, Arabic)
Singapore	800 6011 343 (Local number only) +603 8315 6856 (DID) (English)
Slovakia	+421 2 4974 8888
Slovenia	+386-1-200-50-60 (Slovenian)
Spain	91-714-7983 0901-100-000 (Spanish)
Sri Lanka	+9411 2493547 +9411 2493548 (English)
Sweden	08-477-4420 077-117-1040 (Warranty service and support) (Swedish)
Switzerland	058-333-0900 0800-55-54-54 (Warranty service and support) (German, French, Italian)
Taiwan	0800-000-702 (Mandarin)
Thailand	1 800-060-066 (Local number only) 66 2273 4088 +603 8315 6857 (DID) (Thai, English)
Turkey	00800-4463-2041 (Turkish)
Ukraine	0800 507 333 0040 21 40 10 870 (Payable) (Ukrainian, Russian, English)
United Arab Emirates	800 02000141 (English, Arabic)
United Kingdom	01475-555-055 08705-500-900 (Standard warranty support) (English)
United States	1-800-426-7378 (Select "Option #1") (English)
Uruguay	000-411-005-6649 (Spanish)
Venezuela	0-800-100-2011 (Spanish)

Country or region	Telephone number
Vietnam	For Northern Area and Hanoi City: 844 3 946 2000 or 844 3 942 6457 For Southern Area and Ho Chi Minh City: 848 3 829 5160 or 844 3 942 6457 (Vietnamese, English)
Yemen	Al Khirbash and Agencies & Trading Co.: 00 967 1209 8278 Yemen Business Machines (YBM): 00 967 3 213 324 / 214 655, 967 3 213 909 / 213 324

Appendix A. Lenovo Limited Warranty

This Appendix provides information regarding the warranty period and type of warranty service applicable to your Lenovo hardware product in your country or region.

ThinkPad Edge E120 and E125

Machine Type	Country or Region of Purchase	Warranty Period	Types of Warranty Service
3035, 3043	Australia, New Zealand, Japan, US, Canada, and Mexico	Parts and Labor - 1 year	3, 1
		Battery pack - 1 year	1
	Other	Parts and Labor - 1 year	4, 1
		Battery pack - 1 year	1

ThinkPad Edge E320 and E325

Machine Type	Country or Region of Purchase	Warranty Period	Types of Warranty Service
1297, 1298	Australia, New Zealand, Japan, US, Canada, and Mexico	Parts and Labor - 1 year	3, 1
		Battery pack - 1 year	1
	Other	Parts and Labor - 1 year	4, 1
		Battery pack - 1 year	1

If required, your 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.

Suplemento de Garantía para México

Este Suplemento se considera parte integrante de la Garantía Limitada de Lenovo y será efectivo única y exclusivamente para los productos distribuidos y comercializados dentro del Territorio de los Estados Unidos Mexicanos. En caso de conflicto, se aplicarán los términos de este Suplemento.

Todos los programas de software precargados en el equipo sólo tendrán una garantía de treinta (30) días por defectos de instalación desde la fecha de compra. Lenovo no es responsable de la información incluida en dichos programas de software y/o cualquier programa de software adicional instalado por Usted o instalado después de la compra del producto.

Los servicios no cubiertos por la garantía se cargarán al usuario final, previa obtención de una autorización.

En el caso de que se precise una reparación cubierta por la garantía, por favor, llame al Centro de soporte al cliente al 001-866-434-2080, donde le dirigirán al Centro de servicio autorizado más cercano. Si no existiese ningún Centro de servicio autorizado en su ciudad, población o en un radio de 70 kilómetros de su ciudad o población, la garantía incluirá cualquier gasto de entrega razonable relacionado con el transporte del producto a su Centro de servicio autorizado más cercano. Por favor, llame al Centro de servicio autorizado más cercano para obtener las aprobaciones necesarias o la información relacionada con el envío del producto y la dirección de envío.

Para obtener una lista de los Centros de servicio autorizados, por favor, visite:

<http://www.lenovo.com/mx/es/servicios>

Importado por:

Lenovo México S. de R.L. de C.V.

Av. Santa Fe 505, Piso 15

Col. Cruz Manca

Cuajimalpa, D.F., México

C.P. 05349

Tel. (55) 5000 8500

Appendix B. Customer Replaceable Units

Customer Replaceable Units (CRUs) are computer parts that the customer can upgrade or replace. There are two types of CRU: self-service and optional-service. Self-service CRUs are easy to install. They may be standalone or latched, or require a screwdriver to remove a maximum of two screws, whereas optional-service CRUs require some technical skill, as well as tools such as a screwdriver. However, both self-service and optional-service CRUs are safe for the customer to remove and replace.

Customers are responsible for replacing all self-service CRUs. Optional-service CRUs can be removed and installed by customers or, during the warranty period, by a Lenovo service technician.

Lenovo notebook computers contain both self-service and optional-service CRUs:

- **Self-service CRUs:** These CRUs can be unplugged, or are secured by no more than two screws. Examples of this type of CRU are the ac power adapter, the power cord, the battery, and the hard disk drive. In some products, such components as memory modules, wireless cards, notebook keyboards, and palm rests with fingerprint reader and touchpad may also be CRUs.
- **Optional-service CRUs:** These CRUs are isolated parts within the computer that are concealed by an access panel, which is typically secured by more than two screws. Once the access panel is removed, the CRU is visible. Both types of CRU are listed in the table on the following page.

The Lenovo Support Web site, <http://www.lenovo.com/CRUs>, provides instructions for replacing self-service and optional-service CRUs. The Web site offers three options to begin your search:

- Search by product number
- Search through the product auto-detect function
- Search by product category

Instructions for several critical CRUs can also be found in the *Setup Instructions* that comes with your product.

The *User Guide* also provides instructions for replacing self-service and optional-service CRUs. To access the *User Guide*, refer to “User Guide” on page 1.

If you are unable to access these instructions or if you have difficulty replacing a CRU, you can call the Customer Support Center. For the telephone number of the Customer Support Center for your country or region, see “Worldwide telephone list” on page 5.

Note: Use only computer parts provided by Lenovo. For warranty information about the CRUs for your machine type, see “Types of Warranty Service” on page 13.

The following tables list CRUs for your computer and tell where to find the replacement instructions.

For ThinkPad Edge E120 and E125

Self-service CRUs	Setup Instructions	User Guide	Online Hardware Maintenance Manual
ac power adapter	X		
Power cord for ac power adapter	X		
TrackPoint® cap		X	
Battery	X	X	X

Optional-service CRUs	Setup Instructions	User Guide	Online Hardware Maintenance Manual
Keyboard		X	X
Storage device (hard disk drive, solid state drive, or mSATA solid state drive)		X	X
Memory module		X	X
PCI Express Mini Card for wireless LAN/WiMAX		X	X
PCI Express Mini Card for wireless WAN		X	X

Note:

Your computer may not have the mSATA solid state drive or PCI Express Mini Card for wireless WAN.

For ThinkPad Edge E320 and E325

Self-service CRUs	Setup Instructions	User Guide	Online Hardware Maintenance Manual
ac power adapter	X		
Power cord for ac power adapter	X		
TrackPoint cap		X	
Battery	X	X	X

Optional-service CRUs	Setup Instructions	User Guide	Online Hardware Maintenance Manual
Keyboard		X	X
Storage device (hard disk drive, solid state drive, or mSATA solid state drive)		X	X
Memory module		X	X
PCI Express Mini Card for wireless LAN/WiMAX		X	X
PCI Express Mini Card for wireless WAN		X	X

Note:

Your computer may not have the mSATA solid state drive or PCI Express Mini Card for wireless WAN.

Appendix C. Regulatory information

Wireless WAN and LAN regulatory information

For more information about the wireless regulatory notices, refer to the *Regulatory Notice* shipped with your computer.

If your computer is shipped without the *Regulatory Notice*, you can find it on the Lenovo Support Web site at:
<http://www.lenovo.com/support>

To view the *Regulatory Notice* on the Web site, do the following:

1. Go to <http://www.lenovo.com/support>.
2. Click **User Guides & Manuals**, and then follow the instructions on the screen.

Electronic emissions notices

For electronic emission information on Class B digital devices, refer to the corresponding information in the *User Guide*.



B급 기기 (가정용 방송통신기자재)
이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다

Appendix D. WEEE and recycling statements

China WEEE statement

《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/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/services_warranty/jp/ja/recycle/pcrecycle/.

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, visit the Lenovo Web site at http://www.lenovo.com/services_warranty/jp/ja/recycle/personal/.

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.

Disposing of disused lithium batteries from Lenovo computers

A button-shaped lithium battery is installed on the system board of your Lenovo computer to provide power to the computer clock while the computer is off or disconnected from the main power source. If you want to replace it with a new

one, contact your place of purchase or ask for a repair service provided by Lenovo. If you have replaced it by yourself and want to dispose of the disused lithium battery, insulate it with vinyl tape, contact your place of purchase, and follow their instructions. If you use a Lenovo computer at home and need to dispose of a lithium battery, you must comply with local ordinances and regulations.

Disposing of a disused battery pack from Lenovo notebook computers

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

Taiwan recycling statement



廢電池請回收

Appendix E. Notices

Power cord notice

For your safety, Lenovo provides a power cord with a grounded attachment plug to use with this product. To avoid electrical shock, always use the power cord and plug with a properly grounded outlet.

Power cords provided by Lenovo in the United States and Canada are listed by Underwriters Laboratories (UL) and certified by the Canadian Standards Association (CSA).

For units intended to be operated at 115 volts: Use a UL-listed and CSA-certified cord set consisting of a minimum 18 AWG, Type SVT or SJT, three-conductor cord, a maximum of 15 feet in length and a parallel blade, grounding-type attachment plug rated 15 amperes, 125 volts.

For units intended to be operated at 230 volts (U.S. use): Use a UL-listed and CSA-certified cord set consisting of a minimum 18 AWG, Type SVT or SJT, three-conductor cord, a maximum of 15 feet in length and a tandem blade, grounding-type attachment plug rated 15 amperes, 250 volts.

For units intended to be operated at 230 volts (outside the U.S.): Use a cord set with a grounding-type attachment plug. The cord set should have the appropriate safety approvals for the country in which the equipment will be installed.

Power cords provided by Lenovo for a specific country or region are usually available only in that country or region.

For units intended to be operated in Germany: 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.

Polyvinyl Chloride (PVC) cable and cord notice

WARNING: Handling the cord on this product or cords associated with accessories sold with this product will expose you to lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm. ***Wash hands after handling.***

China substance disclosure table

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr(VI))	多溴连苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板组件*	X	O	O	O	O	O
硬盘	X	O	O	O	O	O
光驱	X	O	O	O	O	O
内存	X	O	O	O	O	O
电脑I/O 附件	X	O	O	O	O	O
电源	X	O	O	O	O	O
键盘	X	O	O	O	O	O
鼠标	X	O	O	O	O	O
机箱/ 附件	X	O	O	O	O	O
○:表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006标准规定的限量要求以下 ×:表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求 表中标有“×”的所有部件都符合欧盟RoHS 法规. 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  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 statement of compliance

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

Türkiye EEE Yönetmeliğine Uygunluk Beyanı

Bu Lenovo ürünü, T.C. Çevre ve Orman Bakanlığı'nın “Elektrik ve Elektronik Eşyalarda Bazı Zararlı Maddelerin Kullanımının Sınırlandırılmasına Dair Yönetmelik (EEE)” direktiflerine uygundur.

EEE Yönetmeliğine Uygundur.

Ukraine RoHS

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

ENERGY STAR model 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 the following machine type(s), if the ENERGY STAR mark is affixed, have been designed and tested to conform to the ENERGY STAR program requirements for computers.

1297, 1298, 3035, and 3043

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:

Windows 7	Windows XP
Power plan: Energy Saver at AC mode • Turn off the display: After 10 minutes • Put the computer to sleep: After 25 minutes • Advanced power settings: – Turn off hard disks: After 15 minutes – Hibernate: Never	Power scheme: Energy Saver at AC mode • Turn off monitor: After 10 minutes • Turn off hard disks: After 15 minutes • System standby: After 25 minutes • System hibernates: Never

To awaken your computer from Sleep (Windows 7) or Standby (Windows XP) mode, press the Fn key on your keyboard. For more information about these settings, see your Windows Help and Support information system.

The Wake on LAN function is set to Enable when your Lenovo computer is shipped from the factory, and the setting remains valid even when the computer is in Sleep or Standby mode. If you do not need to have Wake on LAN set to Enable while your computer is in Sleep or Standby mode, you can reduce the power consumption and prolong the time in Sleep or Standby mode, by switching the setting of Wake on LAN for Sleep or Standby mode to Disable. To switch the setting of Wake on LAN, go to Device Manager and do as follows:

For Windows 7:

1. Click **Start → Control panel**.
2. Click **Hardware and Sound → Device Manager**.
3. In the Device Manager window, expand **Network adapters**.
4. Right-click your network adapter device, and click **Properties**.
5. Click the **Power Management** tab.
6. Clear the **Allow this device to wake the computer** check box.
7. Click **OK**.

For Windows XP:

1. Click **Start → Control panel**.
2. Click **Performance and Maintenance → System**.
3. Click the **Hardware** tab, and click **Device Manager**.
4. In the Device Manager window, expand **Network adapters**.
5. Right-click your network adapter device, and click **Properties**.
6. Click the **Power Management** tab.
7. Clear the **Allow this device to bring the computer out of standby** check box.
8. Click **OK**.

Trademarks

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ThinkPad
ThinkVantage
TrackPoint

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



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