New Lenovo G530 Notebook PC delivers solid performance at a great value

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At a glance

The Lenovo® G530 Notebook PC model offers:

• Outstanding performance with Intel® Core 2 Duo processor T6400, or Intel Pentium® Dual Core T3400 processor, 160 GB or 250 GB (5400 rpm) SATA HDD, and 2 GB or 3 GB of DDR2 RAM depending on model
• Built-in communications capabilities: WiFi Wireless card, 10/100 Ethernet, and modem
• An amazing sound system with two 2.0-watt stereo speakers with chamber
• A worry-free computing experience with the top-ranking warranty, one-button system recovery system, and simple network connectivity

Overview

What's new

The Lenovo G530 Notebook PC:

• Offers a 391.2-mm (15.4-in) WXGA display, long battery life, and popular features at a great price
• Provides outstanding performance with Intel Pentium Dual Core processor or Intel Core 2 Duo processor, a GL40 or GM45 chip set, 160 GB or 250 GB 5400 rpm hard drive, and 2 GB or 3 GB of DDR2 DRAM depending on model
• Delivers stylish design with Lenovo G series Family Face
• Features multimedia capabilities with a 0.3 or 1.3 megapixel integrated camera, 2 x 2-watt speakers with 8 cc chamber, a tray-in DVD Recordable, and 4-in-1 multicard reader
• Provides comprehensive ports including 4 USB ports, integrated microphone, line in, audio out, VGA out, and ExpressCard slot
• Includes built-in communications capabilities: 802.11 b/g WLAN card, modem, and 10/100M Ethernet

These new models include many of the following features and options:1

• Intel Pentium Dual Core processor T3400 (selected models)
• Intel Core 2 Duo T6400 processor (selected models)
• Intel GL40 Express chip set (selected models)
• Intel GM45 Express chip set (selected models)
• Intel Graphics Media Accelerator 4500M (selected models)
• Intel Graphics Media Accelerator 4500MHD (selected models)
• HDD: 160 GB or 250 GB2 (2.5-in, 5400 rpm) depending on model
• System memory: DDR-2 two SO DIMM slots with 4 GB maximum, supporting 400, 533, or 667 MHz
• System memory: 2 GB or 3 GB (2 + 1 GB)3,4
• Optical drive: DVD Recordable (dual layer)5
• Integrated 10/100 Ethernet
• Integrated 56K6 V.907 modem (V.92-designed)
• Lenovo b/g wireless8,9 Network Connection (selected models)
• Intel WiFi Link 5100 AGN (1 x 2)8,9 Network Connection
• 391.2-mm (15.4-in) WXGA glossy display
• Integrated 0.3 megapixel camera (selected models)
• Integrated 1.3 megapixel camera (selected models)
• Six-cell Li-Ion battery
• Four USB 2.0 ports
• Integrated microphone
• Two 2.0-watt stereo speakers with chamber
• Stereo headphone port
• VGA port
• 54-mm ExpressCard slot
• 4-in-1 multicard reader
• Stylish all black covers
• Service and support: One-year warranty on electronics and battery; 90 days on ac adapter, keyboard, plastics, and hinges10

International Warranty Service (IWS) is available wherever Lenovo or Lenovo resellers sell and service your particular machine type.

For up-to-date marketing and technical information, visit

http://www.lenovo.com

Great products from Lenovo and great support make a great combination.

Availability date

March 17, 2009

Description

Operating system software

• Genuine Microsoft® Windows® Vista Home Basic (selected models)
• Microsoft Windows XP Professional (selected models)

Non-Lenovo software

The non-Lenovo software programs listed in this section may be licensed to you under the non-Lenovo manufacturer’s, supplier’s, or publisher’s terms and conditions. The non-Lenovo manufacturers, suppliers, or publishers are responsible for providing any service or support associated with these programs. The descriptions of these programs were obtained from information made available by these companies to the general public. Lenovo does not warrant
these products. Some software may differ from its separately available version (if available), and may not include user manuals or all program function.

Warranty information

For a copy of applicable product warranties, contact your authorized Lenovo reseller or Lenovo representative. Lenovo makes no representation or warranty regarding third-party products or services.

Telephone support may be subject to additional charges, even during the limited warranty period. For Lenovo machines with on-site labor, Lenovo will attempt to diagnose and resolve the problem remotely before sending a technician. For Lenovo machines with courier or depot service, your service provider will attempt to diagnose and resolve the problem remotely before sending a courier.

All offers are subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time without notice. Lenovo is not responsible for photographic or typographic errors.

Reference information

1. Certain product family features are limited to selected models that may not be available in all countries. Some combinations of features are not supported. Refer to the Product number section of this announcement for the models and features available in your country.

2. GB equals one billion bytes when referring to HDD. Accessible capacity is less. Up to 4 GB is used in the service partition.

3. For PCs without a separate video card, memory supports both system and video. Accessible system memory is up to 128 MB less than the amount stated, depending on video mode.

4. The standard memory can be expanded to 3 or 4 GB of addressable memory, depending on whether the operating system is a 32-bit or 64-bit operating system. The new notebooks with a Windows Vista 32-bit or previous Windows 32-bit operating system can support up to 3 GB of addressable memory.

   Recommended for memory expansion are 512 MB, 1 GB, and 2 GB PC2-5300 DDR2 SDRAM 667 MHz SO DIMM.

5. For combination drives, maximum speeds are given in the following order: CD-R, CD-RW, CD, and DVD. CD and DVD drives list maximum rates; rates are variable and are often less than the maximum.

6. The V.90 modem can receive data at up to 56 Kbps from a compatible service provider and transmit data at up to 31.2 Kbps. Public networks currently limit maximum download speeds to about 53 Kbps. Actual speeds depend on many factors and are often less than the maximum possible.

7. Public network download speeds are limited to 53 Kbps. Upload speeds are limited to 48 Kbps for V.92 modems. Actual speeds depend on many factors and are often less than the maximum possible. V.92 functions and speeds require a compatible phone line and server equipment, and download of the V.92 support device driver when available. Check with your telephone and Internet service providers for availability.

8. 11a, 11b, and 11g wireless are based on IEEE 802.11a, 802.11b, and 802.11g. An adapter with 11a/b/g can communicate on any of these formats; the actual connection is based on the access point to which it connects.

9. Wi-Fi wireless lets you connect to a LAN without wires or cables. To connect to the Internet, an access point or similar device and an Internet connection are required. This product has been tested and certified to be interoperable by the Wireless Ethernet Compatibility Alliance and is authorized to carry the Wi-Fi logo.
Product number

Mobile products

Preloads are described in the Description section of this document.

EMEA Machines

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<tr>
<th>Description</th>
<th>Order Number</th>
<th>Type</th>
<th>Model</th>
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<tr>
<td>Lenovo G530 Notebook PC</td>
<td>NSH24xx</td>
<td>4446</td>
<td>24G</td>
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<tr>
<td>(15.4-in WXGA (1280x800) Glossy Display, All Black cover, Integrated 0.3M Camera, Intel Pentium Dual Core processor T3400, Intel GL40 Express chip set, Intel Graphics Media Accelerator 4500M, 250.0 GB / 5400 rpm, DVD Recordable, 3 GB(DDR2), 6-cell battery, Lenovo b/g wireless card, Genuine Windows Vista Home Premium 32)</td>
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All models contain: 4-in-1 Media-card Reader, Express Card, Mini-PCIE.

Optional features

For the latest information on options available for the Lenovo G Series notebooks and other Lenovo notebooks, visit

http://www.lenovo.com

Technical information

Specified operating environment

Physical specifications

G530 models

• Width: 358.5 mm (14.0 in)
• Depth: 256.5 mm (9.99 in)
• Height: 31 to 37 mm (1.2 to 1.44 in)
• Weight (approximate): 2.75 kg (6.05 lb)
Accessories

- Battery pack (Li-Ion)
- AC adapter (3-pin)
- Power cord for ac adapter

Note: Actual specifications and weights may vary based on features, vendor components, or manufacturing processes.

Electrical specifications

- Universal ac adapter (65 W) Integrated Graphics
  - Input: 100-240 V ac, 50/60 Hz
  - Output: 19 V dc
- Six-cell Li-Ion battery pack: 10.8 V, 4.8 Ah

Operating environment

Lenovo computers are designed, built, and tested for high quality and reliability. When used properly in standard business environments, a Lenovo system should be a reliable computing asset for many years. Harsh environments and abuse can damage these systems because they are not intended to withstand extreme temperatures, dust, shock, or other severe physical environments. Lenovo systems should not be used in unsuitable environments. For example, a Lenovo system should not be used in nonstationary environments, such as in-vehicle installations, without additional casing or shock dissipation. Lenovo warrants that this notebook will conform to its Official Published Specifications when used in a suitable physical operating environment.

For additional information about supported environments, refer to the Physical specifications section.

Agency approvals

System unit

- FCC Class-B certified to comply with FCC Rules, Part 15
- CISPR22 Class B
- UL 60950
- IEC 60950
- CE Mark
- CCC (for China)

Software requirements

The Lenovo G530 Notebook PC includes

- Microsoft Windows Vista Home Basic (selected models)
- Microsoft Windows XP Professional (selected models)

Compatibility

Compatibility and supported products

Contact your Lenovo representative for a list of supported features and options.

Vendor software compatibility

Lenovo tests a large number of commonly used and available applications for compatibility with its Lenovo systems using supported operating systems and configurations. In general, you can expect that most vendor applications designed to run on supported operating systems
and Intel-compatible system architectures should be compatible with a Lenovo system. Some configurations, however, may not be compatible.

Lenovo does not warrant or support vendor software products, nor guarantee compatibility of those products with Lenovo systems. Refer to the applicable warranty and license terms provided by the respective vendors.

The Lenovo G Series models contain BIOS in their flash ROM and a GUI to set up the system and power management features for Windows users. BIOS provides the hardware instructions and interfaces designed to support the standard features of the Lenovo G530 notebook computers.

Planning information

Cable orders
All cables are included in the shipment group.

Installability
Lenovo G530 Notebook PC requires approximately 20 minutes for installation. Installation includes unpacking, setting up, and powering on the system. Additional time is required to install optional memory and other optional features.

Security, auditability, and control

Passwords
These password-protection mechanisms are available:

- Power-on passwords to help protect the system from unauthorized use
- Supervisor password for use by a system administrator
- HDD password to help protect data on the removable HDD

In addition, an optional locking device in the security slot provides physical security.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

Terms and conditions

To obtain copies of the Lenovo Statement of Limited Warranty, contact your reseller or Lenovo.

Warranty period

- One year on electronics and battery
- 90 days on ac adapter, keyboard, plastics, and hinges

Optional Lenovo features initially installed in a Lenovo system carry the same warranty period as the system. If installed after the initial system installation, they carry the balance of the system warranty or the optional feature warranty, whichever is greater.

Warranty service
If required, your service provider provides repair or exchange service depending on the type of warranty service specified for the machine. A service technician will attempt to resolve your problem over the telephone. You must follow the problem determination and resolution procedures. Scheduling of service will depend upon the time of your call and is subject to parts availability. Service levels are response time objectives and are not guaranteed. The specified
level of warranty service may not be available in all worldwide locations. Additional charges may apply outside your service provider's normal service area. Contact your local service provider representative or your reseller for country- and location-specific information.

**Customer replaceable unit (CRU) service**

Lenovo will ship CRUs to you for you to install. Tier 1 CRUs are easy to install whereas Tier 2 CRUs require some technical skill and tools. CRU information and replacement instructions are shipped with your machine and are available from Lenovo at any time on your request. You may request that a service provider install CRUs, at no additional charge, under the type of warranty service designated for your machine. Lenovo specifies in the materials shipped with a replacement CRU whether a defective CRU must be returned. When return is required, return instructions and a container are shipped with the replacement CRU. You may be charged for the replacement CRU if Lenovo does not receive the defective CRU within 30 days of your receipt of the replacement.

**Courier or depot service**

You will disconnect the failing machine for collection arranged by your service provider. A shipping container will be provided to you for you to return your machine to a designated service center. A courier will pick up your machine and deliver it to the designated service center. Following its repair or exchange, the service center will arrange the return delivery of the machine to your location. You are responsible for its installation and verification.

**Licensing**

Programs included with this product are licensed under the terms and conditions of the license agreements that are shipped with the system.

**Field-installable features**

Yes

**Model conversions**

No

**Machine installation**

Customer setup. Customers are responsible for installation according to the instructions Lenovo provides with the machine.

**Graduated program license charges apply**

No

**Licensed internal code and licensed machine code**

This product does not contain licensed internal code or licensed machine code.

**Prices**

For all local charges, contact your sales representative.

**Announcement countries**

All European, Middle Eastern, and African countries.

**Trademarks**
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Corrections

(Corrected on April 29, 2009)