Lenovo USB 2.0 Portable 320GB Hard Drive option -- Compact, easy-to-use data and image recovery solution

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At a glance

The Lenovo® Portable USB 2.0 320GB\(^1\) Hard Drive option provides the ultimate in portability and ease of use without sacrificing capacity. Features include:

- High-speed USB 2.0 Interface
- Compact size -- Fits in a shirt pocket
- No requirement for ac power adapter\(^2\)
- Driverless operation under Microsoft® Windows® XP and Vista
- 320 GB capacity
- 5400 rpm speed
- Innovative glossy top cover design

Overview

The Lenovo USB 2.0 Portable 320GB Hard Drive option works with Rescue and Recovery\(^3\) on ThinkPad®, ThinkCentre®, and Lenovo 3000 systems. Rescue and Recovery® is a backup and restore software utility preloaded on ThinkPad and ThinkCentre systems and is a complete image recovery solution that helps protect against data loss in the event of a software or hardware failure by enabling recovery to a previously saved image. This bootable drive, together with Rescue and Recovery software, allows straight-forward recovery of your system image and data.

The Lenovo USB 2.0 Portable 320GB Hard Drive incorporates a USB 2.0 interface for high-speed data transfers and is backward-compatible with USB 1.1 (at USB 1.1 transfer speeds). It offers high-capacity storage in a small, lightweight, and completely portable device without the need for an ac power adapter.

Driverless installation under Microsoft Windows XP and Microsoft Windows Vista makes this drive very easy to use, and facilitates file transfers between systems. The Lenovo Portable USB 2.0 320GB Hard Drive option also enables:

- Easy system storage expansion
- Video and audio file storage
- Simple file backup

\(^1\) GB = 1 billion bytes when referring to storage capacity; accessible capacity is less.

\(^2\) May require two USB ports on systems, depending upon configuration.
Some software may differ from its retail version (if available), and may not include user manuals or all program functionality. Software license agreements may apply.

Key prerequisites

Refer to the Hardware requirements section for a list of supported systems.

Planned availability date

March 2009

Availability of products with encryption algorithm in France is subject to French governmental approval.

Additional information

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.

Lenovo makes no representation or warranty regarding third-party products or services.

Product number

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>EAN Code</th>
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<td>Lenovo USB 2.0 Portable 320GB Hard Drive</td>
<td>45K1689</td>
<td>0884343-71516-2</td>
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Terms and conditions

This product is available from Lenovo under the terms and conditions for purchase.

Warranty and service

- The warranty period is: One year.
- Helpware: Contact your Lenovo HelpWare® number, your place of purchase, or your local Lenovo office.

Announcement countries

All European, Middle Eastern, and African countries.

Supplemental information

Lenovo USB 2.0 Portable 320GB Hard Drive (45K1689)

Technical information

Performance specifications

Typical data transfer speeds:

- USB 1.1
– Read up to 900 KBps
– Write up to 700 KBps

• USB 2.0
  – Read up to 30 MBps
  – Write up to 25 MBps

4 Actual performance varies based on many factors and is often less than the maximum possible.

**Physical specifications**

• Approximate height: 13.8 mm (0.54 in)
• Approximate width: 77.3 mm (3.04 in)
• Approximate length: 129.9 mm (5.11 in)
• Approximate weight: 154.40 g (5.45 oz)

**Operating environment**

• Operating temperature (card): 0° to 60°C (32° to 140°F)
• Relative humidity: 5% to 85% (non-condensing)

**Agency approvals**

• CE
• BSMI
• VCCI
• C-Tick
• FCC
• ICES
• KCC

**ENERGY STAR-compliant**

No

**Hardware requirements**

An available USB port. A second USB port may be required for operation, depending upon configuration.

**Software requirements**

One of the following operating systems:

• Microsoft Windows XP, Service Pack 2 or later
• Microsoft Windows Vista

**Limitations**

Booting to the Lenovo Portable USB Portable 320GB Hard Drive option requires system BIOS support. Refer to the system user guide to determine if your system supports booting to USB hard drives.

**Planning information**

**Cable orders required**

No
Installation time

• Approximately one minute (hardware only)
• Initial backup will take additional time and will depend on interface used and size of image to be backed up

Packaging

One box (plain brown box -- not packaged for consumer)

Shipment group

• Lenovo USB 2.0 Portable 320GB Hard Drive
• USB cable
• Auxiliary power USB cable
• User's Guide
• Carrying case

Publications

The User's Guide (41N8392) is shipped with each drive and is available in the following languages:

• U.S. English
• Brazilian Portuguese
• French
• German
• Italian
• Japanese
• Simplified Chinese
• Spanish
• Traditional Chinese
• Danish
• Finnish
• Korean
• Dutch
• Norwegian
• Portuguese
• Swedish

Security, auditability, and control

This product uses the security and auditability features of the host hardware.

Terms and conditions

| Field-installable | Yes |
| Customer setup    | Yes |
| Warranty period*  | 1 year |
| Service type      | CRU |
| Maintenance agreement | No |
| Optional upgrade  | No |
| Licensed programs | No |

All other terms and conditions are the same as those applicable to the Lenovo machine type in which the feature is installed.
To obtain copies of the Lenovo Statement of Limited Warranty, contact your reseller or call Lenovo.

Help and service information -- Features and options

During the warranty period, support for a warranty related issue can be obtained by accessing Lenovo's online services (requires Internet access account, not included) or calling the Support Center, 8.00 a.m. until 6.00 p.m. Business hours to answer any questions regarding your new Lenovo option. Response time will vary depending on the number and nature of calls received. If you need warranty service, return or exchange is available. In addition, if your Lenovo option is installed in an Lenovo computer, you may be entitled to service at your location. For general questions related to the use of your options, fee-based support is available. Your technical support representative can help you determine the best alternative.

Accessing Lenovo online services

http://www.lenovo.com/support

Placing the call to Lenovo

For technical support, contact your HelpWare number, your place of purchase, or your local sales office.

Prices

For all local charges, contact your sales representative.

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