

## ThinkPad USB Portable Secure Hard Drives -- 160GB and 320GB options -- Compact, secure, easy-to-use data storage and image recovery solutions

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### At a glance



The ThinkPad® USB Portable Secure Hard Drives - 160GB<sup>1</sup> and 320GB options provide the ultimate in portability and ease of use without sacrificing capacity. Features include:

- High-speed USB 2.0 Interface
- Compact size
- No requirement for an ac power adapter<sup>2</sup>
- Driverless operation under Microsoft® Windows® XP and Vista
- All stored data is fully encrypted using the AES 128-bit security encryption algorithm
- Real-time encryption with no read/write speed impact
- 160 GB or 320 GB capacity
- Integrated USB cable that tucks into the main body of the USB drive
- Integrated keypad for entering a minimum of a six-digit passcode for physical access to the drive
- Auxiliary USB cable for more flexible distance configurations
- Secondary USB power cable
- No software requirements
- Administrative password manager in case of forgotten passwords

For technical support:

- Call the Support Center at 800-426-7378  
or
- Request technical information via the Web site at  
<http://www.lenovo.com/support>

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## Overview

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ThinkPad USB Portable Secure Hard Drives - 160GB and 320GB options physically secure your valuable data in case of theft or loss. Optimized for safeguarding essential data while on-the-go, the ThinkPad USB Portable Secure Hard Drive offers high-level 128-bit Advanced Encryption Standard (AES) security within a slim, lightweight, self-powered, easy-to-use design. These options also work with Rescue and Recovery<sup>3</sup> on ThinkPad and ThinkCentre® systems.

Rescue and Recovery® 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. These bootable drives, together with Rescue and Recovery software, allow straightforward recovery of your system image and data.

These drives incorporate a USB 2.0 interface for high-speed data transfers and a backward-compatible with USB 1.1 (at USB 1.1 transfer speeds). They offer 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 these drives very easy to use, and facilitates file transfers between systems. The ThinkPad USB Portable Secure Hard Drives - 160GB and 320GB options also enable:

- Easy and secure storage expansion
- No software installation and no power adapter required for operation
- Built-in administrative password management
- Simple file backup

<sup>1</sup>GB = 1 billion bytes when referring to storage capacity; accessible capacity is less.

<sup>2</sup>Requires two USB ports, depending upon configuration.

<sup>3</sup>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.

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## Key prerequisites

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Refer to the [Hardware requirements](#) section for a list of supported systems.

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## Planned availability date

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November 21, 2008

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## Additional information

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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.

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## Product number

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Description	Part Number
ThinkPad USB Portable Secure Hard Drive - 160GB	43R2018
ThinkPad USB Portable Secure Hard Drive - 320GB	43R2019

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## Supplemental information

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### **ThinkPad USB Portable Secure Hard Drives (43R2018/43R2019)**

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#### **Technical information**

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##### ***Performance specifications***

Typical data transfer speeds:<sup>4</sup>

- USB 1.1
  - Read up to 900 KBps
  - Write up to 700 KBps
- USB 2.0
  - Read up to 30 MBps
  - Write up to 24 MBps

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

##### ***Physical specifications***

- Approximate height: 21.59 mm (0.85 in)
- Approximate width: 87.63 mm (3.45 in)
- Approximate length: 121.92 mm (4.8 in)
- Approximate weight: 193.2 g (6.9 oz)

##### ***Operating environment***

- Operating temperature (card): 5° to 55°C (41° to 131°F)
- Relative humidity: 5% to 95% (non-condensing)

##### ***Agency approvals***

- UL
- CE
- TUV
- C-UL
- BSMI
- VCCI
- C-Tick
- FCC
- ICES

**Note:** UL, TUV, C-UL only for bare drive

### ***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 ThinkPad USB Portable Secure Hard Drives options require system BIOS support. Refer to the system User's Guide to determine if your system supports booting to USB hard drives.

**Note:** Booting to the ThinkPad USB Portable Secure Hard Drivers options if the hard drive is plugged in dock is not supported.

### ***Planning information***

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#### ***Cable orders required***

Yes. Power cable first and then data cable.

#### ***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***

- ThinkPad USB Portable Secure Hard Drive - 160GB or 320GB
- USB extension cable
- Auxiliary power USB cable
- Quick Installation Guide Poster
- Carrying case

### ***Publications***

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The User's Guide 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
- Korean
- Czech
- Slovak
- Turkish

## **Security, auditability, and control**

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

## **Terms and conditions**

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Field-installable	Yes
Customer setup	Yes
warranty period*	3 years
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. In the United States, call 800-426-7378, or write to:

Warranty Information  
 500 Park Offices Drive  
 Research Triangle Park, NC 27709  
 Attn: Dept ZPYA/B500

## **Help and service information -- Features and options**

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During the warranty period, support for a warranty related issue can be obtained by accessing Lenovo's on-line services (requires internet access account, not included) or calling the Support Center, 24 hours a day, 7 days a week, 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**

Use one of the following numbers when calling Lenovo for technical support:

- Within the United States, call the Support Center at 800-426-7378.
- Within Canada
  - For support, call HelpPC at 800-565-3344.
  - For more information or to place an order, call 800-465-7999.

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## Prices

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Description	Order number	List price*
ThinkPad USB Portable Secure Hard Drive - 160GB	43R2018	\$179.00
ThinkPad USB Portable Secure Hard Drive - 320GB	43R2019	219.00

\* Price does not include tax or shipping and is subject to change without notice. Reseller prices may vary.

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