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ThinkPad Edge E220s, E420s Top Options

Turning PCs into Solutions –
Options and Accessories

March 2011



ThinkPad Edge E220s, E420s Top Options

Top Options	Part Number
Lenovo USB 2.0 Port Replicator with Digital Video	0A33942
Lenovo 90W Ultraslim AC/DC Combo Adapter	41R4493
ThinkPad 90W AC Adapter	40Y7659
ThinkPad 65W AC Adapter	40Y7696
ThinkPad 65W AC Adapter with USB Hub	57Y4600
ThinkPad Basic Case	43R9113
ThinkPad Business Topload Case	43R2476
ThinkPad Business Backpack	43R2482
Wenger Slim Case for Lenovo	57Y4273
Wenger Deluxe Slim Case for Lenovo	57Y4272
Wenger Backpack for Lenovo	57Y4271
1GB PC3-8500 DDR3-1066 SODIMM Low-Halogen Memory	55Y3706
2GB PC3-8500 DDR3-1066 SODIMM Low-Halogen Memory	55Y3707
4GB PC3-8500 DDR3-1066 SODIMM Low-Halogen Memory	55Y3711
Kensington Security Cable Lock by Lenovo	73P2582
Kensington Twin Head Cable Lock from Lenovo	45K1620
ThinkPad Bluetooth Laser Mouse, ThinkPad Travel Mouse	41U5008, 31P7410
ThinkPad In-Ear Headphones	57Y4488
Lenovo USB-to-DVI Monitor Adapter	45K5296
Lenovo USB Portable DVD Burner	43N3264
Lenovo Essential Notebook Stand	45J9292

Lenovo USB 2.0 Port Replicator with Digital Video

- Convenient cable management & connectivity for monitor, LAN, 4 USB devices
- Sleek and discrete vertical design
 - Height: 174 mm (6.9 in)
 - Width: 158 mm (6.2 in)
 - Depth: 57 mm (2.2 in)
 - Weight: 340g (0.7 lbs)
- Attaches via USB
- 4 USB 2.0 ports (2 Front, 2 Rear)
- DVI-I Monitor port supporting 1920 x 1200 WUXGA resolution
 - Includes HD 1080p (1920 x 1080)
- Attach VGA analog or DVI digital monitor
- Stereo audio in, stereo audio out
- Integrated Ethernet
- AC Power adapter
- Supports Windows XP, Vista, 7



Note: For single core processor models, use of the USB Port Replicator to display high definition video content on an external display is not recommended.



Lenovo USB 2.0 Port Replicator with Digital Video (0A33942)

Lenovo 90W Ultraslim AC/DC Combo Adapter

- Power your notebook in the office, at home, on the road, or in the air
- Simultaneously charge cell phones or PDA devices
- Small, lightweight: 400 grams (0.88lbs)



- Works with many ThinkPad and Lenovo notebooks
- Included 20V power tip (41R4484)
- Optional 16V (41R4343) and 19V (41R4319) power tips
- Includes Generic USB device tip and Dual Charging Cable (41R4345)



AC Configuration



DC Configuration

Lenovo 90W Ultraslim AC/DC Combo Adapter

(41R4493)

ThinkPad AC Adapters

- Have a spare power adapter at home, or your carry case
- 90W AC Adapter
 - More power, less time charging
 - 360 g (0.79lbs)
- 65W AC Adapter
 - Smallest adapter available from ThinkPad
 - 260 g (0.57lbs.)
- Note: 65W AC adapter supports models with integrated graphics only
Those with discrete should use the 90W AC Adapter



ThinkPad and Lenovo 90W AC Adapter	(40Y7659)
ThinkPad and Lenovo 65W AC Adapter	(40Y7696)

ThinkPad 65W AC Adapter with USB Hub

- Staying powered and connected to your workspace is now more convenient
- Combines a 65W notebook AC power adapter with a 4-port powered USB hub
 - 3 standard USB 2.0 ports
 - 1 power-only USB 2.0 port – Ideal for charging mobile phones
- For use at home or on the road
- Use the flexible Lenovo Power Hub to
 - Charge your notebook battery
 - Access USB accessories (mice, keyboards, memory keys) in your workspace
 - Charge those USB accessories even when your notebook is away



Connect to notebook for power

Connect to notebook for access to hubbed accessories



**ThinkPad 65W AC Adapter
With USB Hub**

(57Y4600)

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ThinkPad Carrying Cases

- Easily transport and protect your ThinkPad against bumps and jostles

- **ThinkPad Basic Case**

- Supports up to 15.6" Wide
- Nylon construction, Foam padded PC compartment
- Foam Shoulder Strap, Luggage Handle Attachment



- **ThinkPad Business Topload Case**

- Supports up to 15.6" Wide
- Top Grade Nylon, SafePORT Air Protection
- Foam Shoulder Strap, Luggage Handle Attachment



- **ThinkPad Business Backpack**

- Supports up to 15.6" Wide
- Top Grade Nylon, SafePORT Air Protection System
- Padded mesh, breathable shoulder straps
- Hidden security pocket built into back padding of case



ThinkPad Basic Case

(43R9113)

ThinkPad Business Topload Case

(43R2476)

ThinkPad Business Backpack

(43R2482)

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Wenger Carrying Cases for Lenovo

- Easily transport and protect your ThinkPad against bumps and jostles
- Wenger Slim Case for Lenovo
 - “Slim & Light” neoprene material for on-the-go traveling
 - Single compartment for your laptop
 - Trolley Strap
- Wenger Deluxe Slim Case for Lenovo
 - “Slim & Light” nylon material for on-the-go traveling
 - Separate notebook compartment and folder compartment
 - Trolley strap
- Wenger Backpack for Lenovo
 - Case Base stabilizing platform allows case to stand tall on the ground
 - Separate notebook compartment and folder compartment
 - Easy access pocket for quick access to: keys, plane tickets, MP3 player
 - Dual mesh side pocket
 - Trolley strap



Wenger Slim Case for Lenovo

(57Y4273)

Wenger Deluxe Slim Case for Lenovo

(57Y4272)

Wenger Backpack for Lenovo

(57Y4271)

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Lenovo Memory Options

- SODIMM Memory
- Lowest-cost method to boost system performance
 - Enhance multi-tasking usability
 - Extend system useful life
 - Ensure systems compatibility
- 25-Pack Memory:
 - Reduced packaging: cardboard, plastic, publications
 - Lower, per unit, module cost



Single / Individual Pack



25-Pack Memory

1GB PC3-8500 DDR3-1066 SODIMM Memory	(55Y3706)
2GB PC3-8500 DDR3-1066 SODIMM Memory	(55Y3707)
4GB PC3-8500 DDR3-1066 SODIMM Memory	(55Y3711)
1GB PC3-8500 DDR3-1066 SODIMM Memory – 25 pack	(57Y4385)
2GB PC3-8500 DDR3-1066 SODIMM Memory – 25 pack	(57Y4386)

ThinkPad Edge has 2 SODIMM slots for 8GB maximum memory

Kensington Security Cable Locks by Lenovo

- Secure your ThinkCentre and ThinkVision monitor
- Easy to install and use for office environments
- Strong, steel composite cable with carbon tempered steel core:
 - MicroSaver: 6.0-feet, 5.5 mm thick cable
 - Twin Head: 7.0-feet, 5.5 mm thick cable
- Patented T-bar lock provides superior lock strength in the security slot and theft protection
- Sleek styling and design using a rotating head and pivoting cable allows you to easily connect and position the lock
- Attached rubber cable tie for cable management
- Twin Head Cable Lock to secure two devices
 - 2nd lock “floats”, “moves” along the cable for user preference
- Attaching the cable lock to any ThinkCentre form factor not only secures the machine to the work area, but it also prevents users from opening the chassis itself!



Kensington Microsaver Security Cable Lock by Lenovo	(73P2582)
Kensington Twin Head Cable Lock from Lenovo	(45K1620)

ThinkPad Mice

- ThinkPad Bluetooth Laser Mouse
 - Portable, ambidextrous design for both right and left-hand usage
 - Unique soft-touch finish for the ultimate in all-day comfort
 - High definition Laser sensor resolution for precise control
 - Tilt wheel for 4-way scrolling
 - Quick and easy pairing with Lenovo’s exclusive “EasyPair” Software
 - Advanced Power management system
 - Switches to low power mode during periods of inactivity
 - Also includes an On-Off Switch
 - Unique battery compartment with hinge design
 - Note: Requires a Bluetooth enabled system or an optional USB Bluetooth Receiver
- ThinkPad USB Travel Mouse
 - Portable, ambidextrous design for both right and left-hand usage
 - Unique soft-touch finish for the ultimate in all-day comfort
 - High definition optical sensor resolution for precise control
 - Programmable scroll wheel acts as a 3rd button



ThinkPad Bluetooth Laser Mouse	(41U5008)
ThinkPad USB Travel Mouse	(31P7410)

ThinkPad In-Ear Headphones

- High-quality voice and audio performance for internet voice conversations, multimedia applications
- Noise isolating in-ear design
- Well-balanced high and mid range sounds
- Discreet hands-free inline microphone for clear communications
- Three pairs (small, medium, large) of silicone sleeves tips for optimal fit and comfort
- 2 x 3.5mm Jack Adapter included for maximum laptop and desktop compatibility
- Protective carry pouch for storage



ThinkPad In-Ear Headphones

(57Y4488)

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Lenovo USB-to-DVI Monitor Adapter

- Add another monitor by plugging into a USB port:
 - Maximum resolutions (@32-bit color):
 - 16:10 Wide – 1920 x 1200
 - 16:9 Wide – 2048 x 1152 (with 1920 x 1080 native HDTV support)
- Flexibility to add additional monitors to a system
 - Doubling or tripling your visual workspace increases productivity while lowering total cost of ownership
 - One Monitor Adapter is needed for each monitor
- DVI digital video output for sharpness and clarity
 - DVI-to-VGA adapter included
 - Supports HD video playback of non-encrypted content
- All monitors are independent:
 - Extended “stretch” desktop and mirror “clone” modes
 - Landscape, portrait viewing: 90°, 180°, 270° image rotation
- Does not require an external power adapter
- Windows XP, Vista 32/64bit, 7 support



1st Monitor: Active ThinkPad Display
2nd Monitor: Attached to VGA port
3rd Monitor: Attaches to 1st USB-to-DVI Adapter
4th Monitor: Attaches to 2nd USB-to-DVI Adapter

Note: High-bandwidth Digital Content Protection (HDCP) is not supported

Lenovo USB-to-DVI Monitor Adapter (45K5296)

Lenovo USB Portable DVD Burner

- Slim, lightweight, economical DVD writer powered by 1 or 2 USB ports
- Reads and writes without an external power adapter
 - Includes Y-cable allowing connection to 1 or 2 system USB Ports
 - Connection to a 2nd USB port may be required to power the DVD burner
- Reads and writes to 7 DVD Formats & CD media:
 - DVD+R, DVD+RW, DVD-R , DVD-RW,
 - DVD-RAM, DVD+R Double Layer, DVD-R Dual Layer
 - CD-R, CD-RW
- Includes the following software:
 - WinDVD for playback of MPEG-2 files and DVD movies
 - Roxio Creator Business Edition burning software
 - For recording to CD and DVD supported media
 - My DVD for capturing, editing, and creating videos
- Fast data transfer via USB 2.0 (24X CD & 8X DVD)
- Stylish design



Lenovo USB Portable DVD Burner

(43N3264)

Lenovo Essential Notebook Stand




- Improve workspace comfort and productivity
 - Height adjustment over a continuous range of motion
 - Front-to-back tilt capability
 - Side-to-side swivel capability
 - Lightweight design for easy movement and storage
 - Minimal assembly and adjustment required
 - Supports a wide array of Lenovo notebooks ranging in size from 9-inch wide to 17-inch wide



Lenovo Essential Notebook Stand

(45J9292)

ThinkPad Edge E220s, E420s Top Options – Multiple Monitors

Configuration	Hardware Requirements
<p data-bbox="21 258 523 287">One monitor with ThinkPad VGA or HDMI</p> 	<ul data-bbox="1045 258 1901 354" style="list-style-type: none">• One analog monitor attached to ThinkPad VGA or HDMI<ul data-bbox="1097 294 1901 322" style="list-style-type: none">– Maximum VGA analog resolution: 2048 x 1536• ThinkPad display is enabled.
<p data-bbox="21 551 1039 611">Three monitors: ThinkPad display and VGA or HDMI port, and ThinkPad USB Port Replicator</p> 	<ul data-bbox="1045 551 1901 675" style="list-style-type: none">• One monitor attached to ThinkPad VGA or HDMI port• One monitor attached to ThinkPad USB Port Replicator<ul data-bbox="1097 615 1901 644" style="list-style-type: none">– ThinkPad USB Port Replicator maximum resolution: 1920 x 1200• ThinkPad X120e is enabled
<p data-bbox="21 908 1039 936">Four monitors: ThinkPad display and VGA port and two USB-to-DVI Monitor Adapters</p> 	<ul data-bbox="1045 908 1901 1032" style="list-style-type: none">• One monitor attached to ThinkPad VGA port• Two monitors attached to two USB to DVI Monitor Adapters<ul data-bbox="1097 972 1901 1001" style="list-style-type: none">– USB to DVI Monitor Adapter Resolution: 1920 x 1200• ThinkPad X120e is enabled

thank you grazie **merci** danke **grazias** 謝謝 СПАСИБО
gracias **obrigado** ありがとう **dank** takk **bedankt** dakujem

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