

Options by IBM

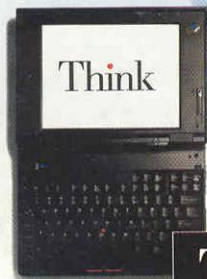
IBM

ThinkPad Options Guide



September 1997

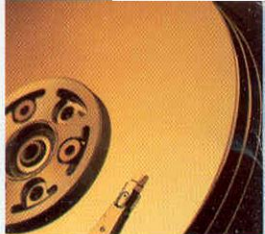
**Protect your investment
in ThinkPad, upgrade with
quality Options by IBM**



ThinkPad®

**Memory
Storage
Power
Networking
Communications
Desktop Expansion
And more!**

Options by IBM Storage



Offers a wide range of capacities.

When you need to take complex applications and lots of data on the road, make sure you don't run out of room. Add value to your investment by adding high-capacity hard disk drives from Options by IBM. Drive sizes are available up to 5.1GB.

Performs with speed.

Ironically, as notebooks continue to get smaller, operating systems and applications seem to require larger, faster hard disk space. That's why our drives feature IBM-original technology, like Magneto-Resistive (MR) heads. MR heads pack more megabytes in less physical space, while providing super-fast access to your data.

Ensures reliability.

In addition to MR heads, Options by IBM hard disk drives incorporate No-ID sector formatting and Partial Response Maximum Likelihood (PRML) data channels. All of these advances help improve data throughput, increase energy efficiency and deliver reliability.

Opens the door to a world of CD-ROM.

Whether you use CD-ROMs for installing programs, accessing databases or giving multimedia presentations, you're likely to appreciate the simplicity and ever-increasing speed of our reliable CD-ROM drives. As an extra bonus, we also have Digital Versatile Disk (DVD) technology for high performance, superior video and audio quality and huge capacity (almost 17GB¹ of data per CD).

¹MB equals one million bytes and GB equals one billion bytes when referring to hard drive capacity. Accessible capacity varies, depending on operating environment.

IBM ThinkPad Options Compatibility Matrix

For the latest version of this matrix, call 1 800 IBM-3395 and request document #42007 or visit our Web site at: www.us.pc.ibm.com/options/thinkmax1.html

* Not all models or products are available in all countries.

Memory

SO DIMM (Non-Parity)

	Part number	770	765 D/L	760E/ED/EL/ELD/XL/XD	560/560E	380E/D/ED/385	310/310D
8MB EDO	92G7340	25	•	•	•	•	8
16MB EDO	92G7341		•	•	•	•	8
32MB EDO	92G7342	25	•	•	•	•	8
16MB EDO	11J8636						•
32MB EDO	11J8637						•
64MB EDO	76H0268	25	•	13	14	•	
16MB SDRAM	76H0293		•				
32MB SDRAM	76H0294		•				
64MB SDRAM	76H0295		•				

Need more information?

Online Information

World Wide Web	www.us.pc.ibm.com/options (U.S.) www.ca.pc.ibm.com (Canada)	Frequently updated information on Options products, ThinkPad products, user forums, technical support, downloadable files and more
IBM PC Co. Bulletin Board	919 517-0001	
PRODIGY	JUMP IBM	
CompuServe	GO IBM	
America Online	KEYWORD IBM	

IBM Fax Information Service

IBM ThinkPad Options Compatibility Matrix	#42007
IBM ThinkPad Options Compatibility Matrix —Out of Production	#11046
IBM PC Options Compatibility Matrix	#11245
IBM PC Options Compatibility Matrix —Out of Production	#11064
IBM PC Server Options Compatibility Matrix	#42008
IBM PC Server Options Compatibility Matrix —Out of Production	#43007
IBM Memory Options Compatibility Matrix	#11035
ThinkPad Storage	#11021
ThinkPad Batteries, Adapters and Chargers	#11196
ThinkPad Docking Solutions	#11102
G Series Monitors	#11103
Keyboards and Pointing Devices	#11653
IBM PC Card LAN Adapter Family	#11463
IBM PC Card Modems	#42015

1 800 IBM-3395 (U.S.)

1 800 465-3299 (Canada)

#45180
#35316
#35313
#35323
#35318
#35314
#35131
#45183
#35340
#35126
#35056
#35193

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United States	1 800 426-7255 ext. 4753
Canada	1 800 426-2255
Argentina	319-6666
Brazil	(0800) 11-1426
Mexico	91-800-00-316
Australia	1 800 815-154
Hong Kong	2-825-7878
India	80-526-9050
Indonesia	021-251-2922
Malaysia	03-717-7788
New Zealand	0-800-801-809
Philippines	02-819-2426
Thailand	02-273-4444
Singapore	1 800 320-1234

IBM Trade-In Program

1 617 320-0123

Part number

770

765 D/L

760E/ED/EL/ELD/XL/XD

560/560E

380/E/D/ED/385

365E/ED/X/XD

310/310D

Storage

1.4GB ¹ Hard Disk Drive ⁶	69H8412	20	•	•				
2.1GB Hard Disk Drive ⁶	69H8414	20	•	5				
3.0GB Hard Disk Drive ⁶	45H8789	20	•	5				
5.1GB Hard Disk Drive ⁶	00K7902	20	•	5				
1.4GB Hard Disk Drive	82H8161						•	
2.1GB Hard Disk Drive	82H8175						8	
2.1GB Hard Disk Drive ¹¹	45H8783				•			
4.0GB Hard Disk Drive ¹¹	02K0501				•			
2.1GB Hard Disk Drive ¹¹	73H9797					•		
3.2GB Hard Disk Drive ¹¹	02K0487					•		
5.1GB Hard Disk Drive ¹¹	02K0506					•		
2.1GB Hard Disk Drive	11J8643							•
5.1GB Hard Disk Drive ²¹	11J8947	•						
2nd Hard Disk Drive Adapter for 770 ³	11J8836	•						
2nd Hard Disk Drive Adapter for 760/765	29H9333		•	•				
6X CD-ROM Drive ⁶	85G1957		•	10				
8X CD-ROM Drive ¹¹	83H6726						8	
8X CD-ROM Drive ⁶	45H8786		•	5				
8X CD-ROM Drive ¹¹	73H9795					•		
10X CD-ROM Drive	11J8676							•
DVD CD-ROM Drive	11J8950	•						
8X-20X CAV CD-ROM Drive	00K7903		•	5				
8X-20X CAV CD-ROM Drive	11J8933	•						
20X MAX Portable CD-ROM Drive ²³	1969010	•	•	•	•	•	•	•
20X MAX Portable Stereo CD-ROM Drive ²³	1969011	•	•	•	•	•	•	•
DVD and Enhanced Video Adapter	11J8957	•						
FDD External Attachment Kit	66G3618		•	•				

Power

Li-Ion Battery Pack	83H6738	•						
Li-Ion Battery Pack	46H4206				•			
Li-Ion Battery	73H9793					•		
Li-Ion Battery Pack II	29H9329		•	•				
NiMH Battery	11J8639							•
760 NiMH Battery Pack ⁹	41H9720		•	•				
NiMH Battery Pack	38H6304						•	
Travel Quick Charger	85G1522		•	•				
External Battery Charger	11J8985	•			•			
35W Slim AC Adapter (4-pin)	76H0119			•				
35W Slim AC Adapter (2-pin)	76H0139				•	22	8	
45W AC Adapter	11J8699							•
56W AC Adapter	83H6739	•				18		
56W AC Adapter	12J2456		•					

Part number

770

765 D/L

760E/ED/EL

560/560E

380/E/D/ED/385

365E/ED/X/D

310/310D

Desktop Expansion

IDE Conversion Card ⁴	46H5994		•	•					
SelectaBase 770	83H6735	•							
SelectaDock Base Model I	39H7405		•	•					
SelectaDock I7	3547001	•	•	•					
SelectaDock II ⁷	3547002	•	•	•					
SelectaDock III ^{7, 16}	3547003	•	•	•					
SelectaBase PC Card Enabler ⁷	83H6741	•	•	•					
Port Replicator	46H4209				•	•			
Port Replicator (with Card Bus slots)	84G1316					•			
Port Replicator and Charger	75H7529						•		
IBM G52 Color Monitor in Black (15" FST/13.6" viewable image size)	654640N	•	•	•	•	•	•	•	•
IBM G72 Color Monitor in Black (17" FST/15.7" viewable image size)	654741N	•	•	•	•	•	•	•	•
Standard 104-Key Keyboard in Black	76H0109	•	•	•	•	•	•	•	•
Enhanced Keyboard with TrackPoint II in Black	13H6705	•	•	•	•	•	•	•	•
TrackPoint Caps	39H1354	•	•	•	•	•	•	•	•
PS/2 Numeric Keypad	07G0032	•	•	•	•		8	•	•
PS/2 Miniature Mouse in Black	07G0033	•	•	•	•	•	•	•	•
Black Sleek Mouse	12J3615	•	•	•	•	•	•	•	•
ScrollPoint Mouse in Black ¹⁷	00K8534	•	•	•					
PS/2 Keyboard/Mouse Connector (Y-CABLE)	54G0441	•	•	•	•	•	•	•	•

Networking and Communications

Turbo 16/4 Token-Ring PC Card (9-Pin D Shell)	85H3628	•	•	•	•	•	•	•	•
Turbo 16/4 Token-Ring PC Card (RJ-45)	85H3629	•	•	•	•	•	•	•	•
EtherJet PC Card 10BaseT	72H4533	•	•	•	•	•	•	•	•
EtherJet PC Card Combo 10BaseT/10Base2	72H4534	•	•	•	•	•	•	•	•
56K PC Card Modem Kit ¹²	04K0052	•	•	•	•	•	•		
PCMCIA 33.6Kbps Data/Fax Modem with XJACK ²⁴	55H6759	•	•	•	•	•	•		
PCMCIA 33.6Kbps Host Processor Controlled Data/Fax Modem ²⁴	42H4335	•	•	•	•	•	•		
PCMCIA 33.6Kbps International Data/Fax Modem ²⁴	42H4319	•	•	•	•	•	•	•	
900MHz Cordless Computer Connection ¹⁵	04K0064	•	•	•	•	•	•		
WaveRunner ISDN/Analog Modem	04H7686	•	•	•	•	•	•	•	
WaveRunner/ISDN Kit	85H8058	•	•	•	•	•	•	•	
3270 Emulation	0933315	2		•	•	•	•	•	•
3270 Emulation Credit Card Cable	0933247	2		•	•	•	•	•	•
5250 Emulation	92G5360	2	•	•	•	•		•	•
5250 Express PC Card	88H0256	2	•	•	•	•	•	•	•

Part Number

SelectaDock Base Model I
and SelectaDock ISelectaDock Base Model II
and SelectaDock IISelectaDock Base Model I or
SelectaDock 770 and SelectaDock III**ThinkPad Docking Options**

Storage				
6X CD-ROM Drive ⁶	85G1957	10	10	16
8X-20X CAV CD-ROM Drive	00K7903	•	•	16
8X-20X CAV CD-ROM Drive	11J8933			•
8X IDE CD-ROM Drive ⁶	45H8786	•	•	16
1.4GB Hard Disk Drive ⁶	69H8412	•	•	16
2.1GB Hard Disk Drive ⁶	69H8414	•	•	16
3.0GB Hard Disk Drive ⁶	45H8789	•	•	16
5.1GB Hard Disk Drive ⁶	00K7902	•	•	•
5.1GB Hard Disk Drive ²¹	11J8947			•
FDD External Attachment Kit	66G3618	•	•	•
Accessories				
Enhanced Keyboard with TrackPoint II in Black	13H6705	•	•	•
PS/2 Numeric Keypad	07G0032	•	•	•
PS/2 Miniature Mouse in Black	07G0033	•	•	•
Black Sleek Mouse	12J3615	•	•	•
ScrollPoint Mouse in Black ¹⁷	00K8534	•	•	•
Enhanced Keyboard with PS/2 Style Cable	92G7453	•	•	•
IBM G52 Color Monitor in Black (15" FST/13.6" viewable image size)	654640N	•	•	•
IBM G72 Color Monitor in Black (17" FST/15.7" viewable image size)	654741N	•	•	•
Communications				
PCI Token-Ring Adapter with Wake on LAN	86H1880			19
10/100 PCI EtherJet Adapter with Wake on LAN	85H9921			19
Auto Wake Token-Ring ISA Adapter	55H6760			19
Desktop Expansion				
760 UltraBay Options Tray for SelectaDock III	11J8839			•
Other				
Flight Controller II	76H0130	•	•	•
Display Stand II	39H7436	•	•	•

Key to chart footnotes:

¹ MB equals one million bytes and GB equals one billion bytes when referring to hard drive capacity. Accessible capacity varies, depending on operating environment.

² Only PersComm 4.2 is supported under Windows 95.

³ This adapter provides connections for 770 or 760 hard disk drive options when used in 770 UltraBay II.

⁴ Required to access IDE devices in the Dock I/Dock II when used with 760E/EL/ED/ELD and is not needed in any other case.

⁵ Supports 760CD/LD/ED/EL/ELD/XL/XD and "thick" models of the E only. (Excludes "E" models U4A and U4B.)

⁶ Can be used in UltraBay of 760 models and SelectaDocks I and II. Requires 29H9333 to enable 2nd hard disk drive in 760 systems, and 39H3987 for CD-ROM use in Dock I and Dock II.

⁷ Requires 39H7405 (SelectaDock Base Model I for 760/765) or 83H6735 (SelectaBase 770 for 770.) See ThinkPad Docking Options Matrix.

⁸ Supports 365X/XD only.

⁹ Can also be used in UltraBay of 760 models.

¹⁰ Supports 760EL and 760E model U3B and U3L. Also supports Dock I and Dock II with CD-ROM Adapter Kit 39H3987 and SelectaDocks I and II.

¹¹ Dealer/Service Center installation only.

¹² x2 modems are designed to be capable of receiving data up to 56Kbps from x2 compatible service provider, and transmitting data at up to 33Kbps. Public networks currently limit maximum download speeds to about 53Kbps. Actual speeds depend on many factors and are often less than the maximum possible.

¹³ Supports 760 XL/XD only.

¹⁴ Supports 560E only.

¹⁵ Available in U.S. only.

¹⁶ Requires 11J8839 (760 UltraBay Options Tray for SelectaDock III) to use 760 options.

¹⁷ Requires Windows 95 as operating system and disabling the ThinkPad internal pointing device.

¹⁸ Supports 380 E/ED only.

¹⁹ Supports ThinkPad 770 for Wake on LAN function.

²⁰ Requires second hard disk drive adapter (11J8836). Cannot be used as primary hard disk drive.

²¹ Requires second hard disk drive adapter (11K8836) when added to UltraBay in ThinkPad 770 or SelectaDock III.

²² Supports 380/380D/385 only.

²³ Planned availability October 1997.

²⁴ Maximum speed. Actual speed may vary.

²⁵ Optimum 770 performance is realized using the SDRAM memory.

Options by IBM

Power

Energizes for hours of high performance.

When you're traveling, there's no worse feeling than to see your battery getting low—especially when your destination is also your deadline. Take along an extra fully-charged, long-lasting battery from Options by IBM and keep your ThinkPad running longer.

Delivers increased power density.

Get more power in a portable package. Use our Lithium-Ion (Li-Ion) battery pack. It delivers longer-lasting power for the same weight as other notebook battery types.

Operates and charges simultaneously.

When you use your ThinkPad at the office or at home, power it with an Options by IBM AC adapter. It not only energizes your notebook, it also charges your battery. Keep one wherever you plug in your system and save your battery power for the road.



**Need more information
on ThinkPad Compatibility
and authorized resellers?
Refer to the matrix
in this guide.**

Options by IBM

Networking

Connects to the network with ease.

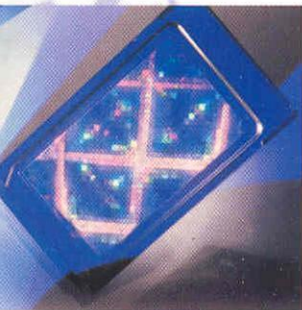
Easily tap into information and applications available on your organization's LAN or host system with Options by IBM's PC Card LAN adapters. Whether you need Token-Ring or Ethernet, installation and set up are easy thanks to plug and play capability and simple UTP or STP cabling options.

Offers leading-edge technology.

Capture the spirit of Options by IBM's high-performance PC Card LAN adapters. Their innovative technology helps them match the communications speeds of our best competition. For instance, Full-Duplex mode allows simultaneous transmission and reception, effectively doubling bandwidth without doubling cost.

Provides peace of mind.

Network adapters from Options by IBM come with a limited lifetime warranty¹—all at a very affordable price.



**Communications and
Desktop Expansion inside** 

¹For information regarding the terms and conditions of IBM's statement of limited warranty, please call 1 800 772-2227. Copies of IBM's statement of limited warranty are available upon request.

Options by IBM

Communications



Provides mobile access from anywhere.

From a home office to across the world, Options by IBM offers a host of products that provide mobile users with fast, simple access to corporate networks and databases, Internet and online services, as well as fax and voice messages.

Saves money with fast connections.

Our credit card-sized, data/fax modems (analog or digital) put you in touch and they all have one thing in common: lots of technology at a great price. Their quick response times and transmission speeds can save you money in online connection charges.

Keeps in touch when your system is off.

Now you can manage your personal fax and advanced-digital voice messages simply and efficiently. Let your ThinkPad receive voice and fax messages while it's powered off or you're away from your system and then forward these messages to another number or receive notification via phone or pager.



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on ThinkPad Compatibility
and authorized resellers?
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Options by IBM

Desktop Expansion

Delivers the best of both worlds.

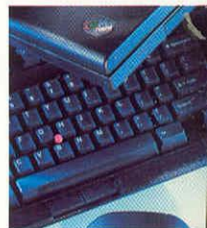
Don't compromise between power and portability. Use your ThinkPad to meet all of your business needs without sacrificing function or flexibility in any environment. We offer a complete selection of ThinkPad docking solutions. Between the SelectaDock I, II and III (plus the required base model for each) and a range of port replicators, there's a ThinkPad desktop alternative to fit your business requirements and your budget.

Connects multiple peripherals with port replication.

Avoid the hassle of cables. Attach a monitor, desktop keyboard and printer to your ThinkPad in a single step with Options by IBM port replicators.

Offers larger screen sizes in matching black.

Expand your desktop with an IBM monitor—the perfect match for your ThinkPad. Our monitors are IBM-designed and tested to deliver bright, sharp images. They're built to optimize the capabilities of your graphics subsystem. They're ergonomically designed to increase user comfort and feature comprehensive on-screen controls for individualized adjustment.



**For more information about
our desktop alternatives,
find the "IBM ThinkPad
Docking Solutions" spec sheet
on our home page,
www.us.pc.ibm.com/options**

Buy ThinkPad options from your authorized reseller.

For information on how to purchase Options by IBM products for your ThinkPad, simply refer to the matrix in this guide for:

- Part numbers and ThinkPad system compatibility
- Locating your nearest authorized reseller
- Our home page address on the World Wide Web

To expand your options with quality third-party products, see the complete ThinkPad Proven program on the World Wide Web at www.us.pc.ibm.com/thinkpad/proven

To order more copies of this guide in the U.S., customers should call 1 800 442-6548 and IBM employees should call 1 800 879-2755. All callers should refer to document #G326-8027-00.

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