



ThinkPad Facts and Features

Use it wherever you think best

ThinkPad™ models



Model	700	700C	700T	300
Machine numbers	9552-300, 301	9552-30B	2521-001, 002	2615-065, 067
Machine type	Notebook	Notebook	Tablet	Notebook
Microprocessor				
Standard	486SLC™	486 SLC	i386™ SX	80386 SL
Coprocessor (optional)	Socket for i387™ SX, SL math coprocessor	Socket for i387 SX, SL math coprocessor	NA	Socket for i387 SX, SL math coprocessor
Clock speed (MHz)	25	25	20	25
Wait states	0-2	0-2	0-2	0-2
Memory cache	16KB	16KB	NA	64KB
Processor upgrades	486SLC2 (50/25)	486SLC2 (50/25)	NA	NA
Bus architecture	Micro Channel®	Micro Channel	ISA	ISA
Data path	16-bit	16-bit	16-bit	16-bit
Memory (RAM)				
Standard—maximum on system board	4MB	4MB	4MB or 8MB	4MB
System maximum (addressable)	16MB	16MB	8MB	12MB
Integrated functions				
Parallel/serial/pointing device ports	Yes	Yes	Yes*	Yes
Graphics	VGA	VGA	VGA	VGA
Display technology	STN LCD	TFT LCD	Transflective LCD	STN LCD
Display port	VGA	VGA	No	SVGA
Disk/diskette controller	Yes	Yes	External	Yes
SCSI	Via expansion unit	Via expansion unit	No	No
Network adapter	Optional	Optional	No	Standard Ethernet
Key lock	Via expansion unit	Via expansion unit	No	No
Cable lock	Yes	Yes	No	Yes
Clock/calendar	Yes	Yes	Yes	Yes
Security password	Yes	Yes	No	Yes
Diskette storage, 3.5-inch				
Capacity	1.44MB	1.44MB	1.44/2.88MB external	1.44MB
Hard disk storage				
Standard—maximum (MB)	80 (300) 120 (301)	120	20**	80 (065) 120 (067)
Average seek time	17ms	17ms	NA	19ms (80MB) 17ms (120MB)
Optional SCSI internal drives	Via expansion unit	Via expansion unit	NA	NA
Power supply	NiMH Battery Pack; AC adapter with quick charger function	NiMH Battery Pack; AC adapter with quick charger function	NiCd Battery	NiMH Battery Pack with charging cradle; AC adapter
Operating systems				
DOS	5.0 (including Windows™ 3.1)	5.0 (including Windows 3.1)	No	5.0 (including Windows 3.1)
Operating System/2®	2.00.1	2.00.1	No	2.0
PenPoint®	No	No	1.0	No

*700T has a keyboard port instead of a pointing device port

**700T uses Solid State Files for storage versus hard disk drives.

Options

Model	Part no.	700	700C	700T	300
Memory					
2MB, 4MB and 8MB IC DRAM Cards	07G1419/20/21	■	■		
2MB, 8MB Memory	33G9288/89				■
8MB DRAM Card	6451167			■	
Storage devices					
120MB Hard Disk	54G0133	■	■		
120MB Hard Disk Upgrade Kit	33G9479				■
10MB Solid State File Card	6451144			■	
External 3.5"/1.44/2.88MB Diskette Drive	6451156			■	
Connectivity					
Serial Adapter	79F6800	■	■		
Internal Data/Fax Modem	94X2555	■	■		
3550 Expansion Unit	3550002	■	■		
Expansion Cartridge	54G0180	■	■		
Data Modem (2400 bps)	92F8805				■
2400/9600 Data/Fax Modem	92F8809				■
Ethernet Adapter (Twisted Pair)	33G9293				■
Ethernet Adapter (Thin)	33G9294				■
PS/note DAA (US English)*	92F8866				■
Graphics/other features					
Key Guard	49G2169	■	■		
Color LCD Upgrade Kit	49G2175	■			
486SLC2 Processor Upgrade	54G0935		■		
486SLC2 Processor Upgrade	64G1032	■			
Color Display Upgrade Kit	33G9478				■
Port Replicator	33G9290				■
NiCd Battery Packs	6451141			■	
NiMH Battery Pack	49G2166	■	■		
NiMH Battery Pack	33G9287				■
AC Adapter (25W)	49G2163	■			
AC Adapter (40W)	49G2165		■		
AC Adapter	33G6491				■
Two Battery Quick Charger	49G2170	■	■		
Two Slot Battery Charger	6451140			■	
Charging Cradle	33G9286				■
Car Adapter	6451168			■	
Car Battery Adapter	49G2167	■			
Battery Pack Safety Cover	54G0445	■	■		
Pen with Battery	6451142			■	
Security Base	49G2172	■	■		
Security Utility Diskette	49G2173	■	■		
Numeric Keypad	07G0032	■	■		
Numeric Keypad	33G9285				■
Miniature Mbase	07G0033	■	■		
Keyboard/Mouse Connector	54G0441	■	■		
Deluxe Carrying Case	79F0981	■	■	■	■
PS/note Carrying Case (nylon)	92F8808	■	■		■
PS/2 Note Carrying Case	07G1530	■	■		■
Standard Carrying Case	92F2444			■	

*Digital to Analog Adapter, a cable that attaches to a data/fax modem to permit access to public phone lines, is available in different versions for 11 foreign countries: UK, Denmark, France, Germany, Italy, Norway, Spain, Sweden, Switzerland, Australia and New Zealand.

Other portables



Model	CL57 SX	N51 SLC/N51 SX	N45 SL
Machine numbers	8554-045	8551-025/ 8551-033	2614-065, 067
Machine type	Color laptop	Notebook	Notebook
Microprocessor			
Standard	80386 SX	386SLC (025) 80386 SX (033)	80386 SL
Coprocessor (optional)	Socket	None	Socket
Clock speed (MHz)	20	16	25
Memory cache	None	8KB/None	64KB
Bus architecture	Micro Channel	Micro Channel	ISA
Data path	16-bit	16-bit	16-bit
Memory (RAM)			
Standard-maximum on system board	2MB	2MB-10MB	2MB-8MB
System maximum (addressable)	16MB	10MB	8MB
Integrated functions			
Parallel/serial/pointing device ports	Yes	Yes	Yes
Graphics	VGA	VGA	VGA
Display port	Yes	Yes	Yes
Built-in display	Color-TFT	Mono-LCD	Mono-LCD
Disk/diskette controller	Yes	Yes	Yes
Network adapter	Optional	Optional	OEM*
Security loop	No	No	Yes
Cable lock	No	No	Yes
Clock/calendar	Yes	Yes	Yes
Security password	Yes	Yes	Yes
Diskette storage, 3.5-inch			
Capacity	1.44MB	1.44MB	1.44MB
Hard disk storage (internal)			
Standard-maximum (MB)	80	80 (025) 40 (033)	80 (065) 120 (067)
Average seek time	17ms	17ms (80MB) 19ms (40MB)	19ms (80MB) 17ms (120MB)
Expansion bus port	Yes	Yes	No
Power supply	Rechargeable battery pack; AC adapter	Rechargeable battery pack; AC adapter	Rechargeable battery pack; AC adapter
Operating systems			
DOS	3.3, 4.0, 5.0, J5.02/V	3.3, 4.0, 5.0, J5.02/V (SX) 5.0 and J5.02/V (SLC)	5.0
Operating System/2	2.0	SE, EE 1.30.1, 2.0	2.0
AIX® Personal System/2®	No	No	No

*This option is available from a third-party Original Equipment Manufacturer.

Options

Model	Part no.	CL57 SX	N51 SLC/N51 SX	N45 SL
Serial Adapter	79F6800	■		
Internal Data/Fax Modem	94X2555	■		
Communication Cartridge II	07G3970	■		
NiMH Battery Pack II	07G1418	■		
External Rechargeable Battery Pack II	34G9851	■		
AC Adapter	06G8451	■		
Deluxe Carrying Case	79F0981	■		
2MB, 4MB and 8MB IC DRAM Cards	07G1419/20/21	■		
Numeric Keypad	07G0032	■		
Miniature Mouse	07G0033	■		
Serial Adapter (provides 2nd and RS232D port)	79F6800		■	
Internal Data/Fax Modem (2400 bps/9600 bps)	94X2555		■	
Communications Cartridge (3270, 5250, Token-Ring)	07G2580		■	
NiCd and NiMH Battery Packs	07G1753/4		■	
Quick Charge (up to 1.5 hours)	07G1752		■	
Car Battery Adapter	07G2004		■	
External Rechargeable Power Pack	06G9600		■	
Additional AC Adapter	07G1964		■	
Carrying Case (nylon)	07G1530		■	
2MB, 4MB and 8MB Memory Modules	07G1826/7/8		■	
Numeric Keypad	07G0032		■	
Miniature Mouse	07G0033		■	
3550 Expansion Unit	3550001		■ (N51 SLC)	
Data Modem (2400 bps)	92F8805			■
Data/Fax Modem (2400 bps/9600 bps)	92F8809			■
NiCd Battery Pack with Charging Cradle	92F8806			■
Additional AC Adapter	92F8807			■
PS/note Carrying Case	92F8809			■
2MB Memory Module	92F8804			■
Miniature Mouse	07G0033			■

Other portables



Model	P75 486	P70 386
Machine numbers	8573-161, 401	8573-121
Microprocessor		
Standard	80486	80386
Clock speed (MHz)	33	20
Wait states	0	0-2
Memory cache	8KB	None
Other functions	Internal floating-point processing unit	NA
Optional coprocessor upgrade (SX models only)	NA	NA
Processor upgrades	NA	NA
Bus architecture	Micro Channel	Micro Channel
Data path	32-bit	32-bit
Memory (RAM)¹		
Standard—maximum on system board	8MB-16MB	4MB-8MB
System maximum (addressable)	16MB	16MB
Integrated functions		
Parallel/serial/pointing device ports	Yes	Yes
Graphics	XGA®	VGA
Built-in gas plasma display	VGA-16 shades	VGA-16 shades
Display port	Yes	Yes
Disk/diskette controller	Yes	Yes
SCSI	Standard	Optional
Network adapter	Optional	Optional
Key lock	Yes	No
Cable lock	No	No
Clock/calendar	Yes	Yes
Security password	Yes	Yes
Diskette storage (internal)		
Standard (3.5-inch)	1.44MB	1.44MB
Optional (3.5-inch)	NA	NA
Optional (5.25-inch)	1.2MB	360KB
Hard disk storage (internal)		
Standard—maximum (MB)	160 (161) 400 (401)	120
Average seek time	16ms (160MB) 11.5ms (400MB)	23ms
Optional SCSI internal drives	NA	NA
Expansion slots (available)	4 ²	2
Power supply	120-watt	85-watt
Operating systems		
DCS	3.3, 4.0, 5.0	3.3, 4.0, 5.0
Operating System/2	SE, EE, 1.2, 1.3, 2.0	SE, EE, 1.2, 1.3, 2.0
AIX Personal System/2	1.2.1	1.2.1
NetWare®	3.11	3.11

Options

Model	Part no.*	P75 486	P70 386
Processors/coprocessors			
PS/2 Wizard Adapter	64F7351	■	
Storage devices			
5.25-inch External Diskette Drive (360KB or 1.2MB)	4869001/2	■	■
CD-ROM II Drive	6451104	■	
SCSI Storage Enclosure	35100V0	■	■
External Enclosure for SCSI Devices	3511003	■	■
Connectivity			
Token-Ring Network Adapters and related features	**	■	■
Adapter/A for Ethernet Networks	6451091	■	■
PC Network Broadband Adapter II/A	1501222	■	■
PC Network Adapter II/A Frequency 2,3	96X5647/8	■	■
PC Network Baseband Adapter/A	1501223	■	■
Multi-Protocol Adapter/A	6451114	■	■
Dual Async Adapter/A	6451013	■	■
X.25 Interface Co-Processor/2	16F1858	■	
300/1200/2400 Internal Modem/A	94X1755	■	■
3270 Connection	**	■	■
Display Station Emulation Adapter/A	92X0743	■	■
SCSI Adapter with Cache	6451133	■	■
Graphics/multimedia/other features			
Display Adapter 8514/A	1887972	■	■
XGA Display Adapter/A	75X5887		■
Image Adapter/A	***	■	■
Audio Capture/Playback Adapter/A	87F9909	■	
M-Audio Capture/Playback Adapter/A	92F3379	■	■
Video Capture Adapter/A	34F2785	■	■
M-Motion Video Adapter/A	95F1091	■	■
Mouse	6450350	■	■

Printers/plotters/scanners

The following are supported on all models: Proprinter® 24P, Personal Printer Series II, LaserPrinter family, 3186 Page Printer, ExecJet® PS/1® Printer, 618X Color Plotter, 3119 PageScanner, 2456 Image Scanner.

Additional cards and options are available—consult your IBM marketing representative or IBM Authorized Dealer.

*Other part numbers may be required to support a specific device or function.

**There is more than one part number for this type of device, depending on specific systems supported.

***There is more than one part number for this type of option, depending on the amount of on-card memory and other functions desired.



© International Business Machines Corporation 1992

IBM United States
Department ZV0
1133 Westchester Avenue
White Plains, NY 10604

Printed in the United States of America
10-92
All Rights Reserved

References in this publication to IBM products
or services do not imply that IBM intends to
make them available outside the United States.

Check with your IBM representative for electrical
requirements outside the United States.



G326-0255-00

© IBM, Micro Channel, Operating System/2, PS/2, AIX,
Personal System/2, XGA, Proprinter, ExecJet and PS/1
are registered trademarks of International Business
Machines Corporation. PenPoint is a registered
trademark of GO Corporation. NetWare is a registered
trademark of Novell, Inc.

™ ThinkPad and SLC are trademarks of International
Business Machines Corporation. i386 and i387 are
trademarks of Intel Corporation. Windows is a trademark
of Microsoft Corporation.

¹128KB of this memory is reserved for hardware system
use on P70 386.

²Two full-size; two half-size.