IBM

ThinkPad 700 & 700C PS/2

Use them wherever you think best

The notebook for those who require only one thing: the very best

An unmatched level of portable power

The IBM ThinkPad™ 700 PS/2® and 700C PS/2 have just raised the standard of expectations for power and performance in a notebook. These are the finest computers for businesspeople and professionals on the move. Both the 700 and 700C have unique upgradability, including customer-installable hard disks, which allows you to maintain separate hard disks for different purposes, or people. And their 486SLC, 25 MHz microprocessors, with an internal 16KB base cache, are upgradable to 50/25 MHz. The 700's monochrome screen can be upgraded to the 700C's – the largest color screen in a notebook. And both the 700 and 700C have full-sized keyboards with TrackPoint II, a revolutionary integrated pointing device. That's part of why the ThinkPad 700 and 700C will make working on the go a breeze.

Notebooks ready to travel the world

If your business frequently takes you away from the office, then you understand the advantages of having a notebook that weighs only 6.5 pounds and provides up to 3.8 hours of continuous use – 7.5 hours in a typical workday environment. That's what the ThinkPad 700, with a large 9.5-inch monochrome Super Twisted Nematic (STN) LCD 16-bit VGA display, can do based on IBM's advanced design and sophisticated power management.

Or, for incomparable presentations, graphics and windowing applications, choose the ThinkPad 700C, with a very large 10.4-inch color Thin Film Transistor (TFT) active matrix LCD display that delivers 256 brilliant colors at a resolution of 640 x 480.

Make all the right connections, right away

Both the 700 and 700C bring you an unprecedented variety of communications options, including network connectivity. You can choose a low-cost data/fax modem so you can make all the data connections you need from wherever you are. You'll also have the choice of an optional expansion cartridge with a half-slot for connectivity to your network, or the high-security 3550 Expansion Unit that provides two full slots, one additional bay and SCSI on the planar to give you all the convenience of a desktop system. And because the 700 and 700C come preloaded with DOS 5.0 and PRODIGY,® you can get started right away.
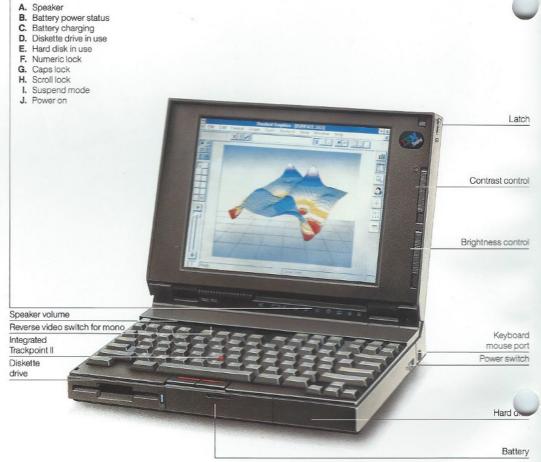
World-class service and support

Both models come with IBM's unsurpassed three-year, international warranty with carry-in repair service and around-the-clock assistance.

System status indicators

A. Speaker
B. Battery power status
C. Battery charging
D. Diskette drive in use
E. Hard disk in use
F. Numeric lock
G. Caps lock
H. Scroll lock
I. Suspend mode
J. Power on

Latch

Contrast control

Brightness control

Keyboard mouse port

Power switch

Speaker volume
Reverse video switch for mono
Integrated Trackpoint II
Diskette drive

Hard d

Battery

Feature	Benefit
Big, bright screen	• Has an extra-large 10.4-inch diagonal active matrix display with dazzling colors (700C) • Has large 9.5-inch monochrome display with excellent contrast ratio of 18:1, providing bright, crisp screen (700) • Provides a very fast response time and an excellent viewing angle • Allows simultaneous viewing on the LCD and on an externally connected CRT • Lets you upgrade 700 mono LCD screen to color
Removable hard disk	• Allows you to upgrade your 700's 80MB hard disk to a 120MB • Lets you have several hard disks for either the 700 or 700C, for unlimited storage capacity • Allows secure, separate storage of hard disk, and enables multiple users of same system to maintain their own hard disks
25 MHz 486SLC microprocessor	• Lets you upgrade to 486SLC2 processor (50/25) • Allows you to add a coprocessor into a user-accessible socket • Delivers the speed and power you need for advanced 32-bit applications
Memory	• Makes it easy to add memory with slip-in IC DRAM cards • Comes standard with 4MB, expandable to 16MB so you can handle any application
Integrated pointing device	• Brings new ease and flexibility to windowing applications with TrackPoint II embedded in the keyboard— within easy reach of either index finger • Allows you to keep your fingers in their natural typing position—unlike using a mouse, you won't need extra space • Places "click" buttons conveniently beneath the space bar
Optional 3550 Expansion Unit	• Gives you two slots and one additional half-high bay—makes your state-of-the-art notebook a state-of-the-art desktop by accommodating either 5.25-inch or 3.5-inch SCSI devices • Provides a SCSI port without the need to use one of your adapter slots • Provides convenience, security (access lock, bolt down) and cable management

Expansion Cartridge   **Carrying case**   **3550 Expansion Unit**   **Quick charger**

Options

		Part number		Part number
Connectivity/communications	700 & 700C Data/fax modem (2400/9600 bps) Serial adapter			94X2555 79F6800
Upgrades	700 120MB hard disk (17ms/CSU) Display Upgrade Kit to color model 2MB, 4MB and 8MB IC DRAM cards (memory) 486SLC2 Processor Upgrade option	54G0133 49G2175 See matrix below 54G0935	700C 2MB, 4MB and 8MB IC DRAM cards (memory) 486SLC2 Processor Upgrade option	See matrix below 54G0935
Power	NiMH battery packs Additional AC adapter (25W/40W) Quick charger (holds two batteries; 1.4 hours charge time per battery) Car battery adapter (700 only)			49G2166 49G2163 (700) 49G2165 (700C) 49G2170 49G2167
Security	Security base Security utility diskette			49G2172 49G2173
Expansion	Expansion Cartridge (1/2 slot for 3270, 5250, Token-Ring, Ethernet Thin or Twisted Pair adapter cards) 3550 Expansion Unit (2 slots, 1 bay and SCSI)			54G0180 3550002
Other features	Key guard Carrying case Keyboard/mouse connector Numeric keypad Miniature Mouse Battery pack safety cover			49G2169 PS/2 Note 07G1530 PS/note 92F8808 54G0441 07G0032 07G0033 54G0445

Memory matrix table

Memory on system board		
	Standard memory on system board	4MB (80ns)
	Maximum memory	16MB
	System board memory IC DRAM cards	2MB:80ns (07G1419) 4MB:80ns (07G1420) 8MB:80ns (07G1421)
	Number of IC DRAM cards that can be added	2
	Memory configurations possible	4, 6, 8, 10, 12, 16MB

Why PS/2?

It's simply the best quality you can buy for mission-critical business applications.

Advanced technology – the industry's most powerful microprocessors, 32-bit Micro Channel® architecture, state-of-the-art graphics, and advanced solutions like multimedia and client/server computing.

HelpWare™ – service and support as only IBM provides it: 24 hours a day, 7 days a week by phone, fax and electronic bulletin board; plus a **three-year warranty** with carry-in service.

Extensive communications capabilities – a wide variety of LAN environments are supported through system hardware, emulation software, operating systems and adapters.

Upgradable – with a selection of processors, adapters, disk storage and memory for increased capacity.

Business Partners – who enhance PS/2 capabilities by helping customers choose, customize and configure hardware and software for standalone or LAN and Enterprise LAN environments.

IBM ThinkPad 700 and ThinkPad 700C Personal System/2 at a glance

Model	700	700C
Machine numbers	9552–300 (80MB) 9552–301 (120MB)	9552–30B (120MB)
Microprocessor Clock speed	80486SLC 25 MHz Internal 16KB cache	80486SLC 25 MHz Internal 16KB cache
Bus architecture Data path	Micro Channel 32-bit	Micro Channel 32-bit
Memory (RAM) (standard) System maximum	4MB (80ns) 16MB (80ns)	4MB (80ns) 16MB (80ns)
Communications	Data/fax modem 2400/9600	Data/fax modem 2400/9600
Integrated display	9.5" monochrome STN LCD, 16-bit VGA (640 x 480), 18:1 contrast ratio, 64 gray scales with vertical expansion	10.4" color TFT LCD, 16-bit VGA, 256 colors (640 x 480) from palette of 4,096; 60:1 contrast ratio, vertical expansion
Integrated functions	External Video Graphics Array (VGA) display port (ISO-compatible), serial port, parallel port, external keyboard and mouse support, Micro Channel bus expansion port, communication interface connector (for fax modem)	
Power management	Suspend/Resume; Advanced Power Management; sleep mode, non-disruptive battery exchange; internal quick-charge recharges batteries in just 2 hours for the 700, 1.4 hours for 700C if powered off or in suspend mode; 3 hours/1.5 hours charge time during operation for 700/700C	
Internal diskette storage (standard)	3.5-inch 1.44MB	3.5-inch 1.44MB
Hard disk storage (standard)	80MB and 120MB (17ms)	120MB (17ms)

Display modes
LCD
  Text
 	
  Graphics
 	
CRT
  Text
 	
  Graphics
	VGA compatible
	25 lines by 80 characters, 8 x 16 pel character matrix
	16 gray scales (700)
	16 colors (700C)
	640 x 480, 16 gray scales (700)
	640 x 480, 256 colors out of 262,144 colors (700C)
	VGA compatible
	25 lines by 80 characters, 9 x 16 pel character matrix
	16 colors (700/700C)
	640 x 480, 16 colors out of 262,144 colors (700)
	640 x 480, 256 colors out of 262,144 colors (700C)	

External displays	VGA-compatible displays	
Keyboard	84 keys with embedded numeric keypad and TrackPoint II integrated pointing device	
Power supply (standard) **(optional)**	NiMH rechargeable battery pack; AC adapter Car battery adapter (700 only); NiMH rechargeable battery pack; AC adapter; Quick charger (holds two batteries simultaneously, with 1.4-hour charge time per battery)	
Operating systems	DOS 5.0 (including Windows™ 3.1 support), OS/2® 2.00.1	
Size	Approximately 1.9"H x 11.7"W x 8.3"D (48mm x 297mm x 210mm)	Approximately 2.2"H x 11.7"W x 8.3"D (56mm x 297mm x 210mm)
HelpWare	Includes three-year international warranty with carry-in service (or optional onsite repair service); setup, usage and service assistance 24 hours/7 days a week at no charge during warranty – via phone 800-772-2227, TDD/ASCII 800-426-4238, fax 800-426-3395, or bulletin board 404-835-6600; self-maintainer program; 30-day quibble-free money-back guarantee; for HelpWare in Canada, phone 800-465-7999	

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