

IBM ThinkPad 350, 350C, 500, 510Cs

IBM® ThinkPad®:	≈ 350 monochrome	≈ 350C passive color	500 sub-notebook	510Cs color sub-notebook
Processor type	All: 80486 SL (no math co)		80486 SLC2	Blue Lightning 486BL2-50
Processor speed	All: 25 MHz		50/25 MHz	50/25 MHz
Memory cache	All: 8 KB internal (no L2)		16 KB internal (no L2)	16 KB internal (no L2 cache)
Coprocessor socket	All: No		No	No
Diskette drive	All: 3.5" 1.44 MB		External 3.5" 1.44 MB	External 3.5" 1.44 MB (9 oz.)
Price (retail USD)	\$ 1,499	\$ 1,899	\$ 799	\$ 1,799
Type - model	2618-J0A	2618-L0A	2603-08N	2604-C2U
Hard drive - size	125 MB	250 MB	85 MB	200 MB
Hard drive - speed	15 ms	12 ms	15 ms	17 ms
Avail / withdrawal date	June 93 / withd Sep 94	June 93 / withd Sep 94	Dec 93	June 94
Display - type	VGA mono	VGA color	VGA mono	VGA color
Display - grey scales	64 grey scales	256 colors 640 x 480	64 grey scales	256 colors 640 x 480
Display - technology	STN	STN - passive matrix	STN	STN - passive matrix
Display - light source	LCD - Backlit	LCD - Backlit	LCD - backlit	LCD - backlit
Display - size (diag)	9.5 inch	9.2 inch	7.24 inch	7.7 inch
Display - contrast ratio	18 to 1	13 to 1; Single scan	18 to 1	14 to 1; Single scan
180 degree display tilt	Yes (external SVGA)	Yes (external SVGA)	Yes (external SVGA)	Yes (external SVGA)
Graphics - controller	All: 65530 / External VGA is ISO capable (75Hz)		WD90C26	WD90C24A2 / 1 MB video mem
Graphics - vendor	All: Chips & Technologies, Inc.		Western Digital	Western Digital
Graphics - arch/data path	All: Local bus / 16 bit / Peripheral Interface		ISA 16 bit	VL-Bus / VESA 32 bit local bus
Memory - std / max	All: 4 / 20 MB 80 ns		4 / 12 MB 80 ns	4 / 20 MB 80 ns
Mem - sockets empty	All: 1 socket (non-parity)		1 socket (non-parity)	1 socket (non-parity)
Mem - options available	All: 4, 8, 16 MB SIMMs <i>Suspend/resume button above keyboard</i>		4, 8 MB ICs (3.3 volt)	4, 8, 16 MB ICs (3.3 volt)
Keyboard / # of keys	All: Full size alp/num/ 85		90% size alp/num/ 81	90% size alp/num/ 81
Fn key functions	All: 2 (in any appl) <i>Fn+F1=Configuration Utility</i>		11 (in any appl)	15 (in any appl)
Keyboard slope	All: Yes (back panel) <i>Fn+F2=Reverse video</i>		No	No
Mouse/pointing	All: TrackPoint II™ <i>Fn+F3=Contrast text</i>		TrackPoint II	TrackPoint II
Ext keyboard support	All: Yes (with opt cable)		No	Yes (on MultiPort)
Dimensions	11.7 x 8.3 x 1.9"	11.7 x 8.3 x 2.0"	10.1 x 7.2 x 1.6"	10.1 x 7.2 x 1.7"
Cubic inches	184 inches	194 inches	116 inches	124 inches
Carrying case	Many options	Many options	Many options	Many options
Color	Black	Black	Black	Black
Weight (with battery)	5.2 pounds	5.8 pounds	3.4 pounds / 3.7 (170M)	4.0 pounds
Battery - type	Nickel hydride (NiMH)	Nickel hydride (NiMH)	Nickel hydride (NiMH)	Nickel hydride (NiMH)
Batt - life (per battery)	2.7 to 9 hours	2 to 7.5 hours	3.5 to 9 hours	2.5 to 8 hours
Charge time - on / off	2 hrs / 1 hr	2 hrs / 1 hr	3 hrs / 1.5 hrs	2.5 hrs / 1.5 hrs
Architecture	All: AT bus (ISA)		AT bus (ISA)	AT bus (ISA)
Docking Station	All: No		No (withdrawn 500)	No
Port replicator	All: No		No had sealed lead	Yes (MultiPort ships standard)
Modem/serial slot	All: Modem only		No acid battery)	No
PCMCIA 2.01 slots	All: 1 Type I or 1 Type II		1 Type I or 1 Type II	1 Type I or 1 Type II
Visible LEDs - closed	All: Yes		Yes	Yes
Serial / parallel ports	All: Yes / Yes		Yes (cable) / Yes (EPP)	Yes (MultiPort) / Yes (EPP)
APM-aware BIOS	All: APM-aware BIOS		APM-aware BIOS	APM-aware BIOS
Other features	All: Wallmount AC adapter		Hibernation mode	Microsaver™ security connector
Preinstalled software	All: Personalized nameplate in indentation All: Coupon book with \$4,000 in savings All: IBM DOS 5.02, PRODIGY®		Personalized nameplate Coupon book w/ sav IBM DOS 6.1, PRODIGY After July 1 only on 17N: see below	Hibernation mode Personalized nameplate in indentation Personal greeting screen at startup IBM DOS 6.3, Windows 3.1, Demo, and 8 apps listed below
Warranty	All: 1 year - carry in or EasyServ (opt onsite)		1 year - carry in or EasyServ (opt onsite)	1 year - carry in or EasyServ (optional onsite for \$40 a year)

<p>FEATURES OF 500 and 510Cs</p> <p>500: External cable has 2 connectors for serial port and external diskette drive</p> <p>510: External cable has 1 connector for external diskette drive (serial port on MultiPort).</p> <p>MultiPort: A port replicator with connectors for diskette drive, external display, mouse/ keyboard, and serial device (ships with 510Cs). Plugs into 160 pin connector on back.</p> <p>3 power saving modes: doze, suspend, hibernation.</p> <p>Batteries in 500 and 510Cs are NOT compatible</p> <p>≈ Withdrawn from marketing</p>	<p>SOFTWARE PREINSTALLED ON 500-17N (after July 1, 1994) and 510Cs</p> <p>IBM DOS 6.3, Windows 3.1, Demo, and 8 apps:</p> <p>① Lotus cc:Mail, ② Lotus Organizer 1.12, ③ Lotus ScreenCam 1.0, ④ Official Airline Guide Flight Disk 1.0, ⑤ Triton CoSession Host, ⑥ PRODIGY, ⑦ America Online, ⑧ SofNet FaxWorks 3.0</p> <p>EasyPlaying (PC Card Director™) is preloaded and on the utility diskette for DOS, Windows and OS/2; it provides status and info on PCMCIA cards installed. In Windows and OS/2, it can register an appl for PCMCIA cards and execute them automatically. Auto Configurator and Memory Device Driver enables supported PCMCIA cards by sensing them automatically (so do not need to install their device drivers).</p>	<p>FEATURES OF ALL PRODUCTS</p> <p>Suspend/resume mode; battery life indicator</p> <p>Non-disruptive battery exchange</p> <p>Simultaneous LCD and external CRT</p> <p>US EPA Energy Star compliant</p> <p>International travelers warranty</p> <p>IBM or dealer warranty/service</p> <p>30 day money back guarantee</p> <p>24 hour / 7 day fax support</p> <p>24 hour / 7 day bulletin board support</p> <p>24 hour / 7 day telephone support at 1-800-772-2227</p> <p>ThinkPad 500 memory (4, 8 MB IC 3.3 volt) is compatible with ThinkPad 510Cs.</p> <p>ThinkPad 510Cs MultiPort is NOT compatible with ThinkPad 500.</p>
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ThinkPad EasyServ™: customer calls 1-800-772-2227, courier service picks up ThinkPad at any location, IBM repairs and mails back (no shipping charges, most shipping is overnight, 4 business days total). ≈ = Upgradeable; ↘ = Price decrease effective July 13 (350C) and Aug 18 (510), 1994.

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