IBM ThinkPad 350, 350C, 500, 510Cs - withdrawn

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	$ 1,599 ♣	$ 1,999 ♣	$ 799 ♣	$ 999 ♣	$ 1,799 ♣
Type - model	2618-J0A	2618-L0A	2618-N0A	2618-P0A	2603-08N	2603-17N	2604-C2U
Hard drive - size	125 MB	250 MB	125 MB	250 MB	85 MB	170 MB	200 MB
Hard drive - speed	15 ms	12 ms	15 ms	12 ms	15 ms	15 ms	17 ms
Avail / withdrawal date	June 93 / withd Sep 94		June 93 / withd Sep 94		Dec 93 / withd Jan 95		June 94 / w May 95
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 - techology	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 & Tecnologies, 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				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)				11 (in any appl)		15 (in any appl)
Keyboard slope	All: Yes (back panel)				No		No
Mouse/pointing	All: TrackPoint II™				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						Microsaver™ security connector
					Hibernation mode		Hibernation mode
	All: Personalized nameplate in indentation				Personalized nameplate		Personalized nameplate in indentation
	All: Coupon book with $4,000 in savings				Coupon book w/ sav		Personal greeting screen at startup
Preinstalled software	All: IBM DOS 5.02, PRODIGY®				IBM DOS 6.1, PRODIGY After July 1 only on 17N: see below		IBM DOS 6.3, Windows 3.1, Demo, and 8 appls 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)

Suspend/resume buttn above keyboard
Fn+F1= Configuration Utility
Fn+F2= Reverse video
Fn+F3= Contrast text

Fn + F2 = Fuelguage
Fn + F3 = Setup
Fn + F4 = Suspend
Fn + F5 = Speaker
Fn + F6 = Sysrequest
Fn + F7 = CRT/LCD
Fn + F8 = Rev video
Fn + F9 = Num Lock
Fn + F10= Scroll Lock
Fn + F11= Print Scrn
Fn + F12= Hibernation

Fn + Q = Inc brightness
Fn + A = Dec brightness
Fn + W= Inc contrast
Fn + S = Dec contrast

Enter Setup by CTRL+ALT+F3 from DOS prompt

FEATURES OF 500 and 510Cs

500: External cable has 2 connectors for serial port and external diskette drive

510: External cable has 1 connector for external diskette drive (serial port on MultiPort).

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.

3 power saving modes: doze, suspend, hibernation.

Batteries in 500 and 510Cs are NOT compatible

✂ Withdrawn from marketing

SOFTWARE PREINSTALLED ON 500-17N (after July 1, 1994) and 510Cs

IBM DOS 6.3, Windows 3.1, Demo, and 8 appls:
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

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).

FEATURES OF ALL PRODUCTS

Suspend/resume mode; battery life indicator
Non-disruptive battery exchange
Simultaneous LCD and external CRT
US EPA Energy Star compliant
International travelers warranty
IBM or dealer warranty/service
30 day money back guarantee
24 hour / 7 day fax support
24 hour / 7 day bulletin board support
24 hour / 7 day telephone support at 1-800-772-2227

ThinkPad 500 memory (4, 8 MB IC 3.3 volt) is compatible with ThinkPad 510Cs.

ThinkPad 510Cs MultiPort is NOT compatible with ThinkPad 500.

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, 3 business days average turnaround). Overnight repair option in US available for $99.
♣ Price decrease effective July 13 (350C) and Aug 18 (510), 1994.

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(1THINK) Compiled by Roger Dodson, IBM. April 1995