

# IBM ThinkPad 360CSE / CE - withdrawn

<b>IBM® ThinkPad®:</b>	≧ <b>360CSE</b> dual scan color	≧ <b>360CE</b> TFT color	The 360CSE / CE is the same as the 360 (older models) except:			
Processor type	<b>80486 DX2</b>		<b>360</b>		<b>360CSE / CE</b>	
Processor speed	50/25 MHz 3.3 volt (SL Enhanced)		Mono, Dual scan, TFT, Pen		Dual scan, TFT	
Memory cache	8 KB internal (no L2 cache)		486SX - 33 MHz		486DX2 - 50/25 MHz	
Coprocessor socket	Integrated in 486DX2		No math cop possible		Integrated math cop	
Removable diskette	3.5" 1.44 MB ○ / supports internal 2.88 MB diskette		170, 340 MB std models		170, 340, 540 MB std	
Removable CD-ROM	None				More preloaded apps	
Price (retail USD)	\$ 2,399 ↘	\$ 2,699 ↘	\$ 3,049 ↘	\$ 2,799	\$ 3,099	\$ 3,449
Type - model	2620-80D	2620-80F	2620-80G	2620-90D	2620-90F	2620-90G
Removable disk - size	170 MB □	340 MB □	540 MB □	170 MB □	340 MB □	540 MB □
Hard drive - speed	14 ms ○	14 ms ○	14 ms ○	14 ms ○	14 ms ○	14 ms ○
Available date	Oct 94 / withdrawn Dec 95			Oct 94 / withdrawn Dec 95		
Display - type	<b>VGA color / 640 x 480</b>			<b>VGA color / 640 x 480</b>		
Display - colors	256 simultaneous colors			256 simultaneous colors		
Display - technology	<b>Dual scan - passive matrix</b>			<b>TFT - active matrix</b>		
Display - size (diag)	<b>9.5 inch</b>			<b>8.4 inch</b>		
Display - contrast ratio	20 to 1			100 to 1		
180 degree display tilt	Yes			Yes		
Graphics - controller	WD90C24A or A2 with 1 MB DRAM					
Graphics - vendor	Western Digital / External SVGA to 1024 x 768 with 256 colors (up to 75 Hz)					
Graph - arch/data path	VL-Bus local bus / 32 bit / Simultaneous LCD and CRT					
Memory - std / max	4 MB / 20 MB 70 ns / non-parity / 5.0 volt					
Mem - sockets empty	1 socket					
Mem - options available	4, 8, 16 MB ICs					
Keyboard / # of keys	Full size alp/num / 85 keys					
Fn key functions	8 (in any appl)					
Keyboard slope	Yes (legs pop out)					
Mouse/pointing	<b>TrackPoint II™</b>					
Ext keyboard support	Yes (with optional cable)					
Dimensions	11.7 x 8.3 x 2.0"			11.7 x 8.3 x 1.9"		
Cubic inches	194 inches			185 inches		
Color	Black			Black		
Weight (with battery)	6.2 pounds			6.1 pounds		
Battery - type	Nickel hydride (NiMH)			Nickel hydride (NiMH)		
Batt - life (per battery)	2.9 to 7 hours			3.2 to 7 hours		
Charge time - on / off	2 hrs / 1.5 hr			2 hrs / 1.5 hr		
Architecture	AT bus (ISA)					
Docking Station	Dock I and II					
Port replicator	Port Replicator I and II					
Modem/serial slot	No					
PCMCIA™ 2.1 slots	<b>2 Type I or 2 Type II or 1 Type III</b>					
Serial / parallel ports	Yes (one 9 pin) 16550B / Yes (EPP)					
Other features	APM-aware BIOS / Selectable boot Some models will have Wallmount AC adapter without powercord with retractable prongs, 30 watts <b>Hibernation mode</b> saves memory to disk and shuts off system Power-on password / Hard disk password / Hardware security loop / PCMCIA card lock / Optional Security Base					
Security	Power-on password / Hard disk password / Hardware security loop / PCMCIA card lock / Optional Security Base					
Preinstalled software	IBM DOS 6.3, Windows™ 3.11, and all apps listed to right:					
Warranty	1 year - carry in or EasyServ (optional onsite for \$40)					

**ALL 360 MODELS**  
**Liftable (pop-up) keyboard to access and remove diskette drive, disk, battery, and memory**

The removed diskette drive can be used externally via the optional 'FDD External Kit' (includes cable and enclosure; \$135) to the Port Replicator Model I and II and Dock I and II.

- Diskette drive can be removed
- to reduce weight
  - to insert cellular modem (CDPD)
  - to insert TV Tuner (for on screen TV and VCR playback)
  - to insert 2.88 MB diskette
  - to add other third party options

### PREINSTALLED APPLICATIONS

- IBM PC DOS 6.3
  - Windows 3.11
  - IBM PC Card Director for PCMCIA
  - IBM ThinkPad Demo
  - Online Users Guide
  - ThinkPad features
- Lotus® cc:Mail, e-mail for Advantis® network,
  - Lotus Organizer 1.12,
  - Lotus ScreenCam 1.0,
  - Official Airline Guide Flight Disk® 1.0,
  - Triton CoSession™ Host,
  - PRODIGY®,
  - America Online™ SM,
  - SofNet FaxWorks™ 3.0
  - Taxi™
  - Second Nature Screen Saver
  - Farallon® Replica™
  - AlphaNet™ FollowFax™
  - Sedona REPRINT™
  - COMPEL™ Personal Edition
  - Reuters™ Money® Network

The ThinkPad 360 family has the same physical design as the ThinkPad 750 and 755 family.

PC Card Director™ (EasyPlaying) is preinstalled and on the utility diskette for DOS, Windows and OS/2. It provides:

- automatic config of many PCMCIA cards;
- visual/audible confirmation of insertion/removal of cards;
- ability to automatically launch an appl (e.g. async emulation) when card inserted;
- status and info on PCMCIA cards installed.

Easy-Setup is entered by holding F1 when turning on. Easy-Setup, BIOS, and diagnostics are located in flash memory.

				755
				755 CE/
Battery compatibility:	All	All	C/	CSE/
84G2392 360 NiMH battery	Y	N	N	N
66G2846 750 NiMH battery	Y	Y	Y	N
85G1513 NiMH Batt Pack II	N	N	N	Y

Y = battery supported; N = not supported

Compatible in all 360 family, 360CSE / CE, 750 family, 755 family, 755CSE / CE, 755CD:

- Disks:	170 MB IDE disk	66G2849
	250 MB IDE disk	84G2391
	340 MB IDE disk	66G2849
	540 MB IDE disk	84G2150
	810 MB IDE disk	84G8250
- Dock I (1 slot / 1 bay)		3450001
- Dock II (2 slot / 2 bay)		84G3587
- Port Replicator I (w/ PCMCIA)		66G3510
- Port Replicator II		66G3520
- 1.44 MB diskette		std in newer
- 2.88 MB diskette		66G0108

Options for 360 (not pen), 360CSE / CE, 750 (not pen), 755, 755CSE / CE:

- CDPD Mobile module 71G2560

Memory from ThinkPad 350, 500, and 510Cs is NOT compatible in 360. IC Memory from ThinkPad 700, 720, 750, and 755 will work but without parity.

Options only for TFT models - 360C, 360CE, 750C, 755C, 755CE, 755CD

- TV Tuner 66G3689

### FEATURES OF 360 FAMILY

3 power saving modes: standby, suspend, and hibernation

Personalized nameplate in molded indentation

External VGA is ISO capable (75 Hz)

Upgradeable disks: 170 MB, 250 MB, 340MB, 540 MB, 810 MB (all 2.5 inch)

Battery life indicator

Non-disruptive battery exchange

US EPA Energy Star compliant

### HELPWARE

**1 year warranty**  
**International Warranty Service**  
**24 hour / 7 day telephone, bulletin board, fax, and electronic support**  
**IBM or dealer warranty/service**  
**Online Housecall (remote diagnostics)**  
**30 day money back guarantee**

**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 day average turnaround). Overnight repair option in US available for \$99.

□ = Upgradeable; ○ = Removable; ↘ Price decrease effective February 14, 1995.

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(360E) Compiled by Roger Dodson, IBM. December 1995