IBM® ThinkPad®:	✂ **755CD** TFT color - DX4		✂ **755CD** TFT color - Pentium		ThinkPad 755CD strengths over 755CE / CSE:
Processor type L2 cache Processor / L2 upgrade	**IntelDX4™ 100/33 MHz** None to Pentium 75/50 MHz which includes 256 KB L2 cache		**Pentium® 75/50 MHz** 256 KB write-through / 12 ns direct mapped / soldered 64 bit to L2 / 32 bit to mem		➪ **Mobile multimedia - exceeds MPC2 standard** ➪ **Removable, double speed, 5.25" CD-ROM** ➪ **Video card (acceleration, composite in/out)** ➪ **Joystick/MIDI port** ➪ **Stereo speakers**
Removable diskette	Internal 3.5" 1.44 MB ◯ / supports internal 2.88 MB diskette Supports PCMCIA Cartridge in diskette bay				
Removable CD-ROM	**5.25" CD-ROM ◯ / double speed / multi-session / XA / front loaded / IDE**				The left bay (UltraBay™) supports either the standard diskette drive or standard CD-ROM. CD-ROM ships in this bay from factory.
Price Type - model Removable disk - size Avail / withdrawn date	9545-9BD **540 MB** / 14 ms Oct 1994 / Jun 96	9545-9BE **810 MB** / 14 ms Oct 94 / Jun 96	9545-FBK **810 MB** / 14 ms Sept 95 / Jun 96	9545-FBL **1.2 GB** / 12 ms Sept 95 / Jun 96	
Display - type Display - techology Display - diagonal size	**VGA color** / 640 x 480 **/ 65,536 simultaneous colors** **Black Matrix TFT - active matrix** 10.4 inch / 100 to 1 contrast ratio				Liftable (pop-up) keyboard to access and remove CD-ROM, diskette drive, disk, battery, and memory
Graphics - controller Graphics - vendor Graph - arch/data path	WD90C24A2 with 1 MB DRAM Western Digital / External SVGA to 1024 x 768 w/ 256 colors (up to 75 Hz) VL-Bus 2.0 local bus / 32 bit / Simultaneous LCD and CRT / 180 degree tilt				Integrated Mwave™ DSP provides: ① **Data modem function** - V.22bis, V.32, V.32bis (14.4 Kbps) ② **Fax modem function** - G3 fax send/receive (14.4 Kbps) ③ **Audio function** - Stereo waveform record and playback - Qsound support (3-D effect) - 32 voice MIDI wave table synthesizer - SoundBlaster™ support;Text to speech ④ **Telephone function** - Full telephone (can use opt headset) - Telephone answering machine - Full duplex speakerphone ➪ **Software upgradeable** (to 28.8 & DSVD)
Memory - std / max Mem - sockets empty Mem-options available	8 MB / 40 MB 70 ns / parity 1 socket / 5 volt 2, 4, 8, 16, 32 MB ICs or 4, 8, 16 MB DIMMs that work on optional Memory Module Adapter		non-parity Memory upgraded via ① 1 open socket for IC memory card for 20 MB max or ② new DIMM technology for max of 40 MB with 4, 8, or 16 MB JEDEC 72 pin SO DIMMs on optional Memory Module Adapter.		
Keyboard / # of keys Keyboard slope Mouse/pointing Ext keyboard support	Full size alp/num / 85 (8 Fn key functions) Yes (legs pop out) **TrackPoint III™** Yes (with option cable)				
Dimensions Color Weight(w/batt/CD-ROM)	11.7 x 8.3 x 2.2" (214 cubic inches) Black 7.3 pounds				
Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / intelligent 3 to 9 hours 1.7 hrs / 1.2 hrs		Nickel hydride (NiMH) / intelligent 2.5 to 8 hours **Supports** 1.7 hrs / 1.2 hrs **optional Li-Ion**		**PREINSTALLED APPLICATIONS** - IBM DOS 6.3 (DOS 7.0 on Pentium mod) - Windows 3.11 (dual boot) - OS/2 Warp 3.0 w/ selected BonusPak - IBM PC Card Director™ for PCMCIA - IBM ThinkPad Demo - Online Users Guide - ThinkPad Features 1. Lotus® cc:Mail™, e-mail for Advantis® network; 2. Lotus Organizer™ 1.12 3. Lotus ScreenCam™ 1.0 4. Triton CoSession™ Host 5. PRODIGY®; 6. America Online® 7. SofNet FaxWorks™ Voice™ 3.0 8. Video For Windows™ 1.1 Runtime 9. Monologue (text to speech) 10. Puma TranXit™; 11. Taxi™ 12. AlphaNet™ FollowFax™ 13. REPRINT™; 14. COMPEL™ PE 15. TalkWorks™; 16. Reuters℠ Money® Net 17. Asymetrix® Digital video Producer™ 18. Mind Path™ Presentation F/X Pro **19. CD-ROM Catalog/Sampler**
Architecture Docking Station Port replicator PCMCIA™ 2.1 slots Serial / parallel ports Other features	AT bus (ISA) Dock I and II Port Replicator I and II **2 Type I or 2 Type II or 1 Type III** One 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional); non-DMA APM-aware BIOS / Universal AC adapter (35 watts) / Selectable boot				
Video function (below) DSP function Data/fax modem Audio support	**Daughtercard with video acceleration, composite in/out, game port** **Mwave MDSP2780 DSP with modem, fax, audio, telephony function** **Data/fax modem function via DSP** **16 bit audio chip on planar with Mwave DSP** **Int stereo speakers .5 watts (with dial volume control) / int microphone**				
Audio in/out jacks Telephone Infrared ports	Input jack / output jack Telephone / answering machine / full duplex speakerphone **Infrared ports (front and back) / IrDA 1.0 compatible / up to 115 kbs**				To use diskette and CD-ROM simultaneously, need FDD External Kit and one of four docking solutions
Security	Power-on password / Hard disk password / Supervisor password / Hardware security loop / Keyboard lock / Locking device keyhole (Kensington™ MicroSaver™ cable lock) / PCMCIA card lock				ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible
Preinstalled software Warranty	IBM DOS, Windows™ 3.11, OS/2 Warp 3.0, and all appls listed to right: **3 year** - ThinkPad EasyServ (optional Overnight Repair Service) or carry-in				

Enhanced Video Card in 755CD provides:

 - **Acceleration** of 'Video for Windows'™ motion video with scaling and interpolation of image. Video may be scaled up to full screen without frame rate degredation.
 - **Composite in** and S-Video in for video capture (capture and digitize video from a TV or VCR), still image capture (capture and digitize still photo images), and overlay (view video on LCD like with a TV, VCR, or camcorder without capturing it to disk). So can hook up a TV or VCR and run it on the ThinkPad screen.
 - **Composite out** and S-Video out to TV meaning use a TV as if an external display (connect to video out port; NTSC or PAL); or record on a VCR the contents of the 755CD screen.
 - **Mini game port** for MIDI or joystick (includes MIDI/joystick cable)
 - Includes a video in and video out port (includes two video in/out cables)
 - Use software called Digital Video Producer™

Compatible in all ThinkPad 360 family, 750 family, 755 family:
 - Disks: 170 MB IDE 66G2847/9
250 MB IDE 84G2391
340 MB IDE 66G2849
540 MB IDE 84G2150
810 MB IDE 84G8250
1.2 GB IDE 85G8562
 - Dock I (1 slot / 1 bay) 3545001
 - Dock II (2 slot / 2 bay) 3546001
 - Port Replicator I (w/ PCMCIA) 66G3510
 - Port Replicator II 66G3520
 - 1.44 MB diskette std in newer
 - 2.88 MB diskette 66G0108

Options for 755CD:
 - PCMCIA Cartridge 84G1301
 - NiMH Battery Pack II 85G1513
 - Lithium Ion Battery (Pentium only) 85G8561
 - Li-Ion Batt Pack II (Pentium only) 29H9329
 - CDPD Mobile Module 71G2560
 - FDD External Attachment Kit 66G3618
 - **Pentium/L2 upgrade** (DX4 mod) **29H8755**

FEATURES OF 755CD MODELS

Discharge battery via mouse click
Battery life indicator
Non-disruptive battery exchange
Standby, suspend, and hibernation modes
US EPA Energy Star compliant
Personalized nameplate in molded indention
Personalization screen at startup
International Warranty Service
24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet (http:\\www.pc.ibm.com) support
IBM and dealer warranty/service
Online Housecall (remote diagnostics)