IBM® ThinkPad®:	✂ **755CDV** TFT color - projector LCD - DX4		✂ **755CDV** TFT color - projector LCD - Pentium		**Same features as ThinkPad 755CD except includes:**
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 / 12ns direct mapped / soldered 64 bit to L2 / 32 bit to mem		➪ **Overhead projector LCD** ➪ **Supports optional lithium ion battery** ➪ **Mind Path™ Remote Control IR55 F/X**
Removable diskette Removable CD-ROM	Internal 3.5" 1.44 MB ◯ / supports internal 2.88 MB diskette Supports PCMCIA Cartridge in diskette bay **5.25" CD-ROM ◯ / double speed / multi-session and XA / front loaded**				Integrated Mwave™ DSP provides:

Price Type - model / part Removable disk - size Avail / withdrawn date	9545-ABJ **540 MB** / 14 ms June 95 / Jun 96	9545-ABK **810 MB** / 14 Jun95 / Jun96	9545--GBK **810 MB** / 14 ms Sept 95 / Oct 96	9545-GBL **1.2 GB** / 12ms Sept 95 / Oct 96

① **Data modem function**
 - V.22bis (2400 bps)
 - V.32 (9600 bps)
 - 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)

Display - type Display - techology Display - diagonal size Display - projector	**VGA color** / 640 x 480 **/ 65,536 simultaneous colors** **TFT - active matrix** 10.4 inch / 100 to 1 contrast ratio **Overhead projector LCD by removing back (includes Stand and Strap)**
Graphics - controller Graphics - vendor Graph - arch/data path	WD90C24A2 Rev D 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

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 40 MB max or ② new DIMM technology for max of 36 MB with 4, 8, or 16 MB JEDEC 72 pin SO DIMMs on optional Memory Module Adapter.

PREINSTALLED APPLICATIONS

- IBM DOS 7.0 *SelectaSystem™*
- Windows 3.11
- OS/2 Warp 3.0 (dual boot) w/ selected BonusPak
- IBM PC Card Director™ for PCMCIA
- IBM ThinkPad Demo
- Online Users Guide
- ThinkPad Features; Diskette Factory
1. Lotus® cc:Mail™, e-mail for Global® 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. Asymetrix 3D F/X
20. CD-ROM Catalog/Sampler

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)	**Includes Mind Path Remote Control IR55 F/X**

Dimensions Color Weight (with battery)	11.7 x 8.3 x 2.2" (213 cubic inches) Black 7.45 pounds

Battery - type Battery - life Charge time - on / off	Nickel hydride (NiMH) / smart 3 to 9 hours 1.7 hrs / 1.2 hrs	Supports opt Lithium ion	Nickel hydride (NiMH) / smart 2.5 to 8 hours 1.7 hrs / 1.2 hrs	Supports opt Lithium ion

The left bay (UltraBay™) supports either the standard diskette drive or standard CD-ROM. CD-ROM ships in this bay from factory.

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) APM-aware BIOS / Universal AC adapter (35 watts) / Selectable boot	Easy-Setup is entered by holding F1 when turning on.

To use diskette and CD-ROM simultaneously, need FDD External Kit and one of four docking solutions

Video function (below) DSP function Data/fax modem Audio support Audio in/out jacks Telephone Infrared ports	**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** **Internal stereo speakers .5w (w/ dial volume control) and int microphone** Input jack / output jack Telephone / answering machine / full duplex speakerphone **Infrared ports (front and back) / IRDA compatible / up to 115 kbs**

Liftable (pop-up) keyboard to access and remove CD-ROM, diskette drive, disk, battery, and memory
Exceeds MPC2 standard

Security	Power-on password / Hard disk password / Supervisor password / Hardware security loop / Keyboard lock / Locking device keyhole (Kensington™ Microsaver cable lock) / PCMCIA card lock
Preinstalled software Warranty	IBM DOS 7.0, Windows™ 3.11, OS/2 Warp Version 3 and all appls listed to right: **3 year** - ThinkPad EasyServ (optional Overnight Repair Option) or carry-in

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Enhanced Video Card in 755CDV provides:

- **Acceleration** of 'Video for Windows'ä 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 Producerä

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
- 2.88 MB diskette   66G0108

Options for 755CDV:
- NiMH Battery Pack II   85G1513
- Lithium ion battery   85G8561
- Li-Ion Batt Pack II (Pentium only)   29H9329
- CDPD Mobile Module   71G2560
- PCMCIA Cartridge   84G1301
- **Pentium/L2 upgrade** (DX4 mod) **29H8755**
- Cooling Fan Kit (for overhead)   29H8000

ThinkPad IC DRAM memory for 700, 720, 750, 755 families are all compatible.

FEATURES OF 755CDV 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 warranty/service
Online Housecall (remote diagnostics)

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.
❏ = Upgradeable   ◯ = Removable; ✂ = Withdrawn from marketing

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