

# IBM ThinkPad 701 - withdrawn

IBM® ThinkPad®:	≧ 701CS					≧ 701C					ThinkPad 701CS / 701C strengths:
	dual scan color					TFT color					
Processor 3.3 volt	<b>80486DX2</b>		<b>IntelDX4</b>			<b>80486DX2</b>		<b>IntelDX4</b>			<ul style="list-style-type: none"> <li>☛ Full sized, folding TrackWrite keyboard</li> <li>☛ Full sized 10.4" color dual scan or TFT display</li> <li>☛ Subnotebook size and weight (4.5 pounds)</li> <li>☛ Audio, 14.4/14.4 data/fax modem, telephony</li> <li>☛ Infrared communication</li> <li>☛ TrackPoint III and removeable disk</li> </ul>
Processor speed	<b>50/25 MHz</b>		<b>75/25 MHz</b>			<b>50/25 MHz</b>		<b>75/25</b>			
Coprocessor socket	N/A (math coprocessor std in DX2/DX4)					The 701 has a External Bus Connector to attach either standard MultiPort II or (with optional Adapter Kit) Dock II					
Memory cache	8 KB in DX2; 16 KB in DX4 / no L2 cache										
Diskette	External 3.5" 1.44 MB / hot-pluggable										
Removable CD-ROM	Not supported										
Price (retail USD)	\$2,499	2,749	1,499*	1,649*	1,799*	\$2,999	3,299	1,999*	2,149*	2,299*	Integrated chipsets provide:
Type - model <b>all 2630</b>	US2	US5	2SU	5SU	7SU	UT2	UT5	2TU	5TU	7TU	
Removable disk - size	<b>360 MB</b>		<b>540</b>			<b>360</b>		<b>540</b>			<ul style="list-style-type: none"> <li>① <b>Data modem function</b></li> <li>- V.22bis (2400 bps)</li> <li>- V.32 (9600 bps)</li> <li>- V.32bis (14.4 Kbps)</li> </ul>
Hard disk - spd ms	13 ☐		13 ☐			13 ☐		13 ☐			<ul style="list-style-type: none"> <li>② <b>Fax modem function</b></li> <li>- Class 1 fax send/receive (14.4 Kbps)</li> </ul>
Available date	Mar 95	Mar 95	Mar95	Mar95	Sep95	Mar95	Mar95	Mar95	Mar95	Sep95	<ul style="list-style-type: none"> <li>③ <b>Audio function</b></li> <li>- 16 bit audio / 44.1 kHz sampling rate</li> <li>- Stereo waveform record and playback</li> <li>- 18 voice MIDI wave table synthesizer</li> <li>- SoundBlaster™ support</li> <li>- Text to speech (via Monologue)</li> </ul>
Display - type	<b>VGA color / 640 x 480</b>					<b>VGA color / 640 x 480</b>					<ul style="list-style-type: none"> <li>④ <b>Telephone function</b></li> <li>- Full telephone (can use opt headset)</li> <li>- Telephone answering machine</li> <li>- Full duplex speakerphone</li> </ul>
Display - colors	<b>65,536 simultaneous colors</b>					<b>65,536 simultaneous colors</b>					
Display - technology	<b>Dual scan</b>					<b>TFT - active matrix</b>					
Display - diagonal size	<b>10.4 inch / 20 to 1 contrast ratio</b>					<b>10.4 inch / 100 to 1 contrast ratio</b>					
Graphics - controller	CT-65545 with 1 MB DRAM										
Graphics - vendor	Chips & Technologies / External SVGA to 1024 x 768 256 colors (up to 70 Hz)										
Graph - arch/data path	VL-Bus 2.0 local bus / 32 bit / Simultaneous LCD and CRT / 180 degree tilt										
Memory - std / max	<b>4 / 36 MB</b>		<b>8 / 40 MB</b>			<b>4 / 36 MB</b>		<b>8 / 40 MB</b>			<p><b>The two wings (ends) of the TrackWrite™ keyboard slide into position automatically every time the lid is opened or closed</b></p> <p>Fn key functions:</p> <ul style="list-style-type: none"> <li>- Configuration Utility</li> <li>- Battery Status</li> <li>- Standby/Suspend</li> <li>- Hibernation</li> <li>- Speaker off (audio mute)</li> <li>- Hard disk off</li> <li>- LCD or CRT or both</li> <li>- Reverse appearance</li> <li>- Increase/decrease contrast</li> <li>- Brighten/dim LCD</li> <li>- Speaker volume up/down</li> </ul>
Memory - type	70 ns / non-parity / 3.3 volt										
Mem - sockets empty	1 socket										
Mem-options available	4, 8, 16, 32 MB SO-DIMMs										
Keyboard / # of keys	<b>Full size alp/num / 85 key</b> (15 Fn key functions)										
Keyboard slope	Yes (use MultiPort II stand that flips out)										
Mouse/pointing	<b>TrackPoint III™ on TrackWrite keyboard</b>										
Ext keyboard support	Yes (no cable required)										
Dimensions	9.7 x 7.9 x 1.7" (130 cubic inches)										
Color	Black					With keyboard open it expands from 9.7" to 11.5"					
Weight (with battery)	4.5 pounds										
Battery - type	Super NiCad or NiMH (DX4 mdl's built after 9/95)										
Battery - life	2.5 to 7 hours					<b>or optional NiMH</b>					
Charge time - on / off	1.5 hrs / battery will not charge if unit is off										
Architecture	AT bus (ISA)										
Docking Station	Dock II (requires optional Dock II Adapter Kit)										
Port replicator	None (use standard MultiPort II)										
PCMCIA™ 2.1 slots	<b>2 Type I or 2 Type II or 1 Type III</b>										
Serial / parallel ports	One 9 pin; 16550A / ECP/EPP parallel 36 pin (IEEE 1284); non-DMA										
Other features	APM-aware BIOS / Wallmount AC adapter (30 watts) w/ 2 prongs / Selectable boot										
Functions	<b>Data modem, fax modem, audio, telephony function</b>										
Data/fax modem	<b>14.4/14.4 data/fax modem function (with RJ11 jack)</b>										
Audio support	<b>16 bit audio chip on planar (ESS688 and Yamaha OPL3) / FM Synthesis Internal speaker (with Fn key volume control) and internal microphone</b>										
Audio in/out jacks	Input jack / microphone jack / output jack										
Telephone	Telephone / answering machine / full duplex speakerphone										
Infrared ports	<b>Infrared port (on back) / IRDA 1.0 compatible / up to 115.2 Kbps</b>										
Security	Power-on password / locking device keyhole also called MicroSaver™ security connector (Kensington™ lock)										
Preinstalled software	IBM DOS 6.3, Windows™ 3.11, (and OS/2 Warp on DX4 models), and all appls listed to right:										
Warranty	<b>3 year</b> - EasyServ only (optional onsite special bid only)										

<p>Configuration Utility is entered by Fn+F1 at any time</p> <p><b>MultiPort II</b> (ships standard) is 1.7 x .9 x 10" and has ports for:</p> <ul style="list-style-type: none"> <li>- Mouse/Numpad connector (6 pin)</li> <li>- External keyboard connector (6 pin)</li> <li>- EPP parallel port (25 pin)</li> <li>- Serial connector (RS-232D - 9 pin)</li> <li>- Audio line in (3.5 mm)</li> <li>- Audio line out (3.5 mm)</li> <li>- External display connector (15 pin)</li> <li>- DC input connector</li> </ul> <p>ECP/EPP port (36 lines) connects either the external floppy or a printer. The standard External Diskette Drive Cable (13.2") has a 36-pin and a 26-pin connector. The Standard Printer Cable Adapter (7.1") has a 36-pin connector and a 25-pin connector (so a conventional printer cable is needed)</p> <p>≧ Withdrawn from marketing eff December 1995</p>	<p>Compatible in all 701 models:</p> <table border="0"> <tr><td>- Disks: 540 MB disk 13 ms</td><td>04H6894</td></tr> <tr><td>720 MB disk 13 ms</td><td>10H4096</td></tr> <tr><td>- Dock II (2 slot / 2 bay)</td><td>84G3587</td></tr> <tr><td>- Dock II Adapter Kit</td><td>04H6196</td></tr> <tr><td>- 4 MB SO-DIMM 3.3v</td><td>92G7259</td></tr> <tr><td>- 8 MB SO-DIMM 3.3v</td><td>92G7261</td></tr> <tr><td>- 16 MB SO-DIMM 3.3v</td><td>92G7263</td></tr> <tr><td>- 32 MB SO-DIMM 3.3v</td><td>92G7281</td></tr> <tr><td>- Universal AC Adapter 30 watts</td><td>04H8367</td></tr> <tr><td>- AC Adapter 30 w, wall, 2 pin</td><td>10H4020</td></tr> <tr><td>- AC Adapter 35 w, ww, 3 pin</td><td>85G6680</td></tr> <tr><td>- Super NiCad Battery</td><td>10H4019</td></tr> <tr><td>- NiMH Battery</td><td>25H4862</td></tr> <tr><td>- MultiPort II</td><td>10H4021</td></tr> <tr><td>- External diskette with cable</td><td>10H4068</td></tr> <tr><td>- EPP Printer Cable &amp; Cable Pack</td><td>10H4069</td></tr> </table> <p>ThinkPad 360, 750, 755 family disks, batteries, memory, and Dock I are NOT compatible in the ThinkPad 701 family</p>	- Disks: 540 MB disk 13 ms	04H6894	720 MB disk 13 ms	10H4096	- Dock II (2 slot / 2 bay)	84G3587	- Dock II Adapter Kit	04H6196	- 4 MB SO-DIMM 3.3v	92G7259	- 8 MB SO-DIMM 3.3v	92G7261	- 16 MB SO-DIMM 3.3v	92G7263	- 32 MB SO-DIMM 3.3v	92G7281	- Universal AC Adapter 30 watts	04H8367	- AC Adapter 30 w, wall, 2 pin	10H4020	- AC Adapter 35 w, ww, 3 pin	85G6680	- Super NiCad Battery	10H4019	- NiMH Battery	25H4862	- MultiPort II	10H4021	- External diskette with cable	10H4068	- EPP Printer Cable & Cable Pack	10H4069	<p><b>FEATURES OF 701CS / 701C MODELS</b></p> <p>Battery life indicator Non-disruptive battery exchange Standby, suspend, hibernation, and RediSafe modes US EPA Energy Star compliant Personalized nameplate in molded indentation</p> <hr/> <p style="text-align: center;"><b>HELPWARE</b></p> <p><b>3 year warranty</b> <b>International Warranty Service</b> <b>24 hour / 7 day telephone, bulletin board, fax, electronic, and Internet</b> <b>(http://www.pc.ibm.com) support</b> <b>IBM or dealer warranty/service</b> <b>Online Housecall (remote diagnostics)</b></p>
- Disks: 540 MB disk 13 ms	04H6894																																	
720 MB disk 13 ms	10H4096																																	
- Dock II (2 slot / 2 bay)	84G3587																																	
- Dock II Adapter Kit	04H6196																																	
- 4 MB SO-DIMM 3.3v	92G7259																																	
- 8 MB SO-DIMM 3.3v	92G7261																																	
- 16 MB SO-DIMM 3.3v	92G7263																																	
- 32 MB SO-DIMM 3.3v	92G7281																																	
- Universal AC Adapter 30 watts	04H8367																																	
- AC Adapter 30 w, wall, 2 pin	10H4020																																	
- AC Adapter 35 w, ww, 3 pin	85G6680																																	
- Super NiCad Battery	10H4019																																	
- NiMH Battery	25H4862																																	
- MultiPort II	10H4021																																	
- External diskette with cable	10H4068																																	
- EPP Printer Cable & Cable Pack	10H4069																																	

**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; \* DX4 models had price decrease effective Feb 9, 1996  
 ≧ = Withdrawn from marketing on or before June 1996

All trademarks are the property of their respective owners  
 No warranties are expressed or implied in this summary  
 (701) Compiled by Roger Dodson, IBM. June 1996