

IBM ThinkPad® 240 - withdrawn

IBM® ThinkPad®																																																																																																																																																																																														
Processor	Intel® Mobile Celeron™ 300, 366, or 400MHz ¹ / 66MHz system bus																																																																																																																																																																																													
Processor features	No upgrade / processor on Ball Grid Array (H-PBGA)																																																																																																																																																																																													
L2 cache	128KB / onboard (full speed) / synchronous pipelined burst / ECC / write-back																																																																																																																																																																																													
Diskette drive	External 3.5" 1.44MB / connects to left side with FDD port / includes case and cable																																																																																																																																																																																													
CD-ROM	Option: External CD-ROM / via Portable Drive Bay and 24X-10X ⁵ CD-ROM UltraslimBay Drive																																																																																																																																																																																													
DVD-ROM	Option: External DVD-ROM / via Portable Drive Bay and DVD-ROM UltraslimBay Drive																																																																																																																																																																																													
Type-model	≈ 2609-21U																																																																																																																																																																																													
Processor	Celeron 300MHz																																																																																																																																																																																													
Disk - size / ms	6.4GB ⁴ / 13ms read / Ultra DMA/33 or PIO Mode 4																																																																																																																																																																																													
Preload (see side)	Windows 98 ⁷																																																																																																																																																																																													
Avail / withdrawn date	June 1999 / February 2000																																																																																																																																																																																													
Type-model	≈ 2609-31U																																																																																																																																																																																													
Processor	Celeron 366MHz																																																																																																																																																																																													
Disk - size / ms	6.4GB ⁴ / 13ms read / Ultra DMA/33 or PIO Mode 4																																																																																																																																																																																													
Preload (see side)	Windows 98 ⁷ SE																																																																																																																																																																																													
Avail / withdrawn date	November 1999 / February 2000																																																																																																																																																																																													
Type-model	≈ 2609-41U																																																																																																																																																																																													
Processor	Celeron 400MHz																																																																																																																																																																																													
Disk - size / ms	12.0GB / 12ms read / ATA-66 or PIO4																																																																																																																																																																																													
Preload (see side)	Windows 98 ⁷ SE																																																																																																																																																																																													
Avail / withdrawn date	February 2000 / February 2001																																																																																																																																																																																													
Display - size and type	10.4" TFT color (264.16mm) / Active Matrix																																																																																																																																																																																													
Display - technology	SVGA / 800x600 / 15ms refresh (typical) / 50 to 110 nits 16.7 million simultaneous colors / 250 to 1 contrast (typical)																																																																																																																																																																																													
Graphics - controller	NeoMagic™ MagicMedia128XD™ (NM2160C) / 128-bit accelerator / DDC2B / 2MB / SGRAM (embedded) / color space conversion																																																																																																																																																																																													
Graphics - features	Simultaneous LCD and CRT ²⁶ / 180 degree tilt / no multiple-monitor support / ext SVGA to 1024x768 with 65,536 colors																																																																																																																																																																																													
Memory - std / max	64MB / 192MB ³³																																																																																																																																																																																													
Memory - features	SDRAM / non-parity / 66MHz / 3.3 volt / 64-bit 1 available socket for JEDEC 144-pin SO DIMM / std memory soldered to motherboard / socket accessed by removing three screws and keyboard																																																																																																																																																																																													
Disk controller / disk	EIDE / PCI 2.1 / supports one internal disk / customer can remove disk for upgrade (by removing three screws on base)																																																																																																																																																																																													
Keyboard	Keyboard palm rest / 95% size of current standard ThinkPad keyboards / 18mm key pitch																																																																																																																																																																																													
Pointing	TrackPoint® / Press-to-Select / Release-to-Select / dragging / click pace / sensitivity / spare caps																																																																																																																																																																																													
Dimensions	10.2 x 8.0 x 1.05" (86 cubic inches) / 260mm x 202mm x 26.6mm																																																																																																																																																																																													
Weight ²	Approximately 2.98 lbs (1.35 kg) with battery and disk																																																																																																																																																																																													
Case material	IBM ThinkPad UltraCarbon™ casing / Top: carbon-fiber reinforced plastic; Bottom: glass-fiber reinforced plastic																																																																																																																																																																																													
Battery - type	Li-Ion (3 cell) / intelligent / left side																																																																																																																																																																																													
Battery - life ¹⁰	21U: 1.9 hrs 31U: 1.8 hrs 41U: 1.7 hrs Optional 6 cell battery 3.8 hrs (21U) or 3.6 hrs (31U) or 3.4 hrs (41U)																																																																																																																																																																																													
Charge time ¹⁰	3.5 hrs on / 3.0 hrs off																																																																																																																																																																																													
Architecture	Intel 440DX PCIset / Intel 82371EB PIIX4M (EIDE, PCI to ISA bridge, USB) Texas Instruments® TI1211 PCMCIA controller / NS PC97338 (FDC, IR, I/O) PCI 2.1 / 32-bit / 33MHz (EIDE, graphics, PCMCIA, USB, audio, modem) ISA (diskette, serial, parallel, infrared)																																																																																																																																																																																													
Docking station	None																																																																																																																																																																																													
Port replicator	None (all standard ports already on back of system)																																																																																																																																																																																													
PC Card Std slots	1 Type I or 1 Type II / CardBus 32-bit / PCMCIA 2.1 / no Zoomed Video support																																																																																																																																																																																													
USB / serial / parallel	One USB / one 9 pin; 16550A / one (IEEE P1284-A, EPP, ECP, bidirectional)																																																																																																																																																																																													
Other features	APM-aware BIOS / Ultraslim AC adapter, barrel, 3-prong, 56 watts																																																																																																																																																																																													
Video (TV) out	None																																																																																																																																																																																													
MPEG decoder	None (software support for MPEG-1 in Windows 98)																																																																																																																																																																																													
Data/fax modem	56K ³⁷ V.90 / integrated in system / Mini PCI Type IIIb / Lucent 1646 / not voice-capable																																																																																																																																																																																													
Audio	16-bit SoundBlaster Pro™ support / ESS 1946 / PCI / full duplex																																																																																																																																																																																													
Speaker	One internal speaker (.5 watt)																																																																																																																																																																																													
Audio features	Internal microphone / Fn+Insert and Fn+Delete volume control with mute																																																																																																																																																																																													
Audio in/out jacks	Microphone jack (mono) / headphone jack (stereo) / line-in jack (stereo)																																																																																																																																																																																													
Infrared ports	Infrared port on right side / IrDA 1.1 compatible / up to 4Mbps																																																																																																																																																																																													
Security	Power-on password / setup password / disk password / security keyhole																																																																																																																																																																																													
Limited warranty ¹¹	1 year - carry-in or ThinkPad EasyServ™ ³¹ (door-to-door depot repair service)																																																																																																																																																																																													
Service options ¹⁵	On-site ³² , M-F, 8-5, next bus day (72 cities) / serv up to 5 yrs from purchase date																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th>Color depth</th> <th>LCD</th> <th colspan="4">External Monitor</th> <th colspan="2">OPTIONS</th> <th>FEATURES</th> </tr> <tr> <th>Resolution</th> <th>TFT</th> <th>60Hz</th> <th>70Hz</th> <th>75Hz</th> <th>85Hz</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>640x480</td> <td>16M</td> <td>16M</td> <td>--</td> <td>16M</td> <td>16M</td> <td>- 32MB SO DIMM 3.3v NP SDRAM</td> <td>76H0294</td> <td>Wired for Management 1.1a compliant</td> </tr> <tr> <td>800x600</td> <td>16M</td> <td>16M</td> <td>--</td> <td>16M</td> <td>16M</td> <td>- 64MB SO DIMM 3.3v NP SDRAM</td> <td>20L0241</td> <td>DMI 2.0 compliant</td> </tr> <tr> <td>1024x768*</td> <td>64K</td> <td>64K</td> <td>64K</td> <td>64K</td> <td>--</td> <td>- 128MB SO DIMM 3.3v NP SDRAM</td> <td>01K1150</td> <td>PC 98 compliant</td> </tr> <tr> <td>1280x1024</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>- 12GB disk, 12ms read, ATA-66</td> <td>05K9245</td> <td>ACPI ready (APM enabled)</td> </tr> <tr> <td colspan="6">* Virtual screen mode on 10.4" LCD</td> <td>- High-capacity 6-cell Li-Ion Battery</td> <td>02K6580</td> <td>Setup Guide, User's Reference, Windows OS manual, and Quick Reference Card</td> </tr> <tr> <td colspan="6">All models:</td> <td>- Ultraslim 56 watt AC Adapter (3-prong)</td> <td>02K6545</td> <td>System Status Indicators</td> </tr> <tr> <td colspan="6">- C: drive is FAT16 of 2GB</td> <td>- V.90 PC Card Modem with XJACK²⁴</td> <td>10L7393</td> <td>Reset switch on bottom</td> </tr> <tr> <td colspan="6">- D: drive is FAT32 of remaining space</td> <td>- V.90 56K PC Card Modem with Cellular Capability²⁴</td> <td>02K4196</td> <td>Plug and Play 1.0a</td> </tr> <tr> <td colspan="6">Pressing F1 during startup brings up IBM BIOS Setup Utility</td> <td>- 10/100 Ethernet CardBus PC Card</td> <td>08L3147</td> <td>Standby, suspend, redisafe, and hibernation modes</td> </tr> <tr> <td colspan="6">- ThinkPad Proven™ solutions¹² (visit www.ibm.com/pc/us/thinkpad/proven)</td> <td>- 10/100 EtherJet plus 56K modem³⁷</td> <td>08L3167</td> <td>ENERGY STAR compliant</td> </tr> <tr> <td colspan="6"></td> <td>- Turbo 16/4 Token-Ring PC Card II</td> <td>34L1401</td> <td>International Warranty Service¹⁴</td> </tr> <tr> <td colspan="6"></td> <td>- Smart Card Security Kit</td> <td>33L5075</td> <td>IBM SystemXtra³⁵</td> </tr> <tr> <td colspan="6"></td> <td>- IBM Portable Drive Bay (UltraslimBay)</td> <td>37L1511</td> <td>24 hour / 7 day³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support</td> </tr> <tr> <td colspan="6"></td> <td>- Zip 100MB UltraslimBay Drive</td> <td>37L1507</td> <td></td> </tr> <tr> <td colspan="6"></td> <td>- SuperDisk LS-120 UltraslimBay Drive</td> <td>20L1929</td> <td></td> </tr> <tr> <td colspan="6"></td> <td>- DVD-ROM UltraslimBay Drive</td> <td>05K8890</td> <td></td> </tr> <tr> <td colspan="6"></td> <td>- 24X-10X CD-ROM UltraslimBay Drive</td> <td>05K9122</td> <td></td> </tr> <tr> <td colspan="6"></td> <td>- IBM MultiPort USB Hub</td> <td>00N8215</td> <td></td> </tr> <tr> <td colspan="6"></td> <td>- IBM ThinkPad Mobile Mouse</td> <td>28L3670</td> <td></td> </tr> </tbody> </table>		Color depth	LCD	External Monitor				OPTIONS		FEATURES	Resolution	TFT	60Hz	70Hz	75Hz	85Hz				640x480	16M	16M	--	16M	16M	- 32MB SO DIMM 3.3v NP SDRAM	76H0294	Wired for Management 1.1a compliant	800x600	16M	16M	--	16M	16M	- 64MB SO DIMM 3.3v NP SDRAM	20L0241	DMI 2.0 compliant	1024x768*	64K	64K	64K	64K	--	- 128MB SO DIMM 3.3v NP SDRAM	01K1150	PC 98 compliant	1280x1024	--	--	--	--	--	- 12GB disk, 12ms read, ATA-66	05K9245	ACPI ready (APM enabled)	* Virtual screen mode on 10.4" LCD						- High-capacity 6-cell Li-Ion Battery	02K6580	Setup Guide, User's Reference, Windows OS manual, and Quick Reference Card	All models:						- Ultraslim 56 watt AC Adapter (3-prong)	02K6545	System Status Indicators	- C: drive is FAT16 of 2GB						- V.90 PC Card Modem with XJACK ²⁴	10L7393	Reset switch on bottom	- D: drive is FAT32 of remaining space						- V.90 56K PC Card Modem with Cellular Capability ²⁴	02K4196	Plug and Play 1.0a	Pressing F1 during startup brings up IBM BIOS Setup Utility						- 10/100 Ethernet CardBus PC Card	08L3147	Standby, suspend, redisafe, and hibernation modes	- ThinkPad Proven™ solutions ¹² (visit www.ibm.com/pc/us/thinkpad/proven)						- 10/100 EtherJet plus 56K modem ³⁷	08L3167	ENERGY STAR compliant							- Turbo 16/4 Token-Ring PC Card II	34L1401	International Warranty Service ¹⁴							- Smart Card Security Kit	33L5075	IBM SystemXtra ³⁵							- IBM Portable Drive Bay (UltraslimBay)	37L1511	24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support							- Zip 100MB UltraslimBay Drive	37L1507								- SuperDisk LS-120 UltraslimBay Drive	20L1929								- DVD-ROM UltraslimBay Drive	05K8890								- 24X-10X CD-ROM UltraslimBay Drive	05K9122								- IBM MultiPort USB Hub	00N8215								- IBM ThinkPad Mobile Mouse	28L3670	
Color depth	LCD	External Monitor				OPTIONS		FEATURES																																																																																																																																																																																						
Resolution	TFT	60Hz	70Hz	75Hz	85Hz																																																																																																																																																																																									
640x480	16M	16M	--	16M	16M	- 32MB SO DIMM 3.3v NP SDRAM	76H0294	Wired for Management 1.1a compliant																																																																																																																																																																																						
800x600	16M	16M	--	16M	16M	- 64MB SO DIMM 3.3v NP SDRAM	20L0241	DMI 2.0 compliant																																																																																																																																																																																						
1024x768*	64K	64K	64K	64K	--	- 128MB SO DIMM 3.3v NP SDRAM	01K1150	PC 98 compliant																																																																																																																																																																																						
1280x1024	--	--	--	--	--	- 12GB disk, 12ms read, ATA-66	05K9245	ACPI ready (APM enabled)																																																																																																																																																																																						
* Virtual screen mode on 10.4" LCD						- High-capacity 6-cell Li-Ion Battery	02K6580	Setup Guide, User's Reference, Windows OS manual, and Quick Reference Card																																																																																																																																																																																						
All models:						- Ultraslim 56 watt AC Adapter (3-prong)	02K6545	System Status Indicators																																																																																																																																																																																						
- C: drive is FAT16 of 2GB						- V.90 PC Card Modem with XJACK ²⁴	10L7393	Reset switch on bottom																																																																																																																																																																																						
- D: drive is FAT32 of remaining space						- V.90 56K PC Card Modem with Cellular Capability ²⁴	02K4196	Plug and Play 1.0a																																																																																																																																																																																						
Pressing F1 during startup brings up IBM BIOS Setup Utility						- 10/100 Ethernet CardBus PC Card	08L3147	Standby, suspend, redisafe, and hibernation modes																																																																																																																																																																																						
- ThinkPad Proven™ solutions ¹² (visit www.ibm.com/pc/us/thinkpad/proven)						- 10/100 EtherJet plus 56K modem ³⁷	08L3167	ENERGY STAR compliant																																																																																																																																																																																						
						- Turbo 16/4 Token-Ring PC Card II	34L1401	International Warranty Service ¹⁴																																																																																																																																																																																						
						- Smart Card Security Kit	33L5075	IBM SystemXtra ³⁵																																																																																																																																																																																						
						- IBM Portable Drive Bay (UltraslimBay)	37L1511	24 hour / 7 day ³⁰ telephone, bulletin board, fax, electronic, and Internet (www.ibm.com/pc/us) support																																																																																																																																																																																						
						- Zip 100MB UltraslimBay Drive	37L1507																																																																																																																																																																																							
						- SuperDisk LS-120 UltraslimBay Drive	20L1929																																																																																																																																																																																							
						- DVD-ROM UltraslimBay Drive	05K8890																																																																																																																																																																																							
						- 24X-10X CD-ROM UltraslimBay Drive	05K9122																																																																																																																																																																																							
						- IBM MultiPort USB Hub	00N8215																																																																																																																																																																																							
						- IBM ThinkPad Mobile Mouse	28L3670																																																																																																																																																																																							
DISKS ARE S.M.A.R.T. ²⁹ COMPLIANT																																																																																																																																																																																														