

IBM® ThinkPad® A21m - withdrawn

Type-model	Processor	MHz	Mem	Screen	Disk	CD or DVD	Communications	Bay	Preload	Avail	
2628-D1U	Pentium III	700	64MB	12.1"	SVGA	10GB ⁸	24X-10X ⁹ CD	modem	98SE	Sep 00	WINDOWS 98 PRELOAD¹⁴ - Microsoft® Windows® 98 Second Edition ¹³ • ThinkPad Utilities • ThinkPad Assistant™ • ConfigSafe® • IBM Update Connector™.15 • Access ThinkPad II • PC-Doctor™ - Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license ✧ Software Selections CD-ROM ✧ Recovery CD-ROM (Windows 98 SE)
2628-D2U	Pentium III	700	64MB	12.1"	SVGA	10GB	24X-10X CD	modem	2000	Sep 00	
2628-DXU	Pentium III	700	64MB	12.1"	SVGA	10GB	24X-10X CD	3Com® eth/mod	98SE	Sep 00	
2628-DWU	Pentium III	700	64MB	12.1"	SVGA	10GB	24X-10X CD	3Com eth/mod	2000	Sep 00	
2628-E1U	Pentium III	700	64MB	14.1"	XGA	10GB	8X-2X ⁹ DVD	modem	98SE	Sep 00	
2628-E2U	Pentium III	700	64MB	14.1"	XGA	10GB	8X-2X DVD	modem	2000	Sep 00	
2628-EXU	Pentium III	700	64MB	14.1"	XGA	10GB	8X-2X DVD	3Com® eth/mod	98SE	Sep 00	
2628-EWU	Pentium III	700	64MB	14.1"	XGA	10GB	8X-2X DVD	3Com eth/mod	2000	Sep 00	
2628-F1U	Pentium III	750	64MB	15.0"	XGA	20GB	24X-10X CD	modem	98SE	Sep 00	
2628-F2U	Pentium III	750	64MB	15.0"	XGA	20GB	24X-10X CD	modem	2000	Sep 00	
2628-FXU	Pentium III	750	64MB	15.0"	XGA	20GB	24X-10X CD	3Com eth/mod	98SE	Sep 00	
2628-FWU	Pentium III	750	64MB	15.0"	XGA	20GB	24X-10X CD	3Com eth/mod	2000	Sep 00	
2628-G1U	Pentium III	800	64MB	14.1"	XGA	20GB	8X-2X DVD	modem	98SE	Sep 00	
2628-G2U	Pentium III	800	64MB	14.1"	XGA	20GB	8X-2X DVD	modem	2000	Sep 00	
2628-GSU	Pentium III	800	64MB	14.1"	XGA	20GB	8X-2X DVD	Intel® eth/mod	98SE	Sep 00	
2628-GTU	Pentium III	800	64MB	14.1"	XGA	20GB	8X-2X DVD	Intel eth/mod	2000	Sep 00	
2628-GXU	Pentium III	800	64MB	14.1"	XGA	20GB	8X-2X DVD	3Com eth/mod	98SE	Sep 00	
2628-GWU	Pentium III	800	64MB	14.1"	XGA	20GB	8X-2X DVD	3Com eth/mod	2000	Sep 00	
2628-GLU*	Pentium III	800	128M	14.1"	XGA	20GB	8X-2X DVD	modem	Linux®	Oct 00	
Processor	Intel® Pentium® III 700, 750, or 800MHz ^{1,24} with SpeedStep™ technology and 100MHz system bus										
L2 cache	256KB / onboard (at processor speed) / ECC										
Memory	64 or 128MB standard / 512MB max ⁷ / SDRAM / non-parity / 100MHz / PC 100 / two 144-pin SO-DIMM sockets / std memory in one socket / 1 socket available										
Diskette drive	3.5" 1.44MB / not removable										
CD or DVD-ROM	Bootable / removable from Ultrabay™ 2000 (modular bay)										
Disk (removable)	10 or 20GB ⁸ / upgradeable / S.M.A.R.T. / supports 2nd disk in opt HDD adapter										
Display	12.1" (307.3mm) SVGA (800x600) TFT color / Active Matrix 14.1" (358.1mm) XGA (1024x768) TFT color / Active Matrix 15.0" (381mm) XGA (1024x768) TFT color / Active Matrix										
Graphics controller	Dxx/Exx models: ATI® Rage™ Mobility M / AGP 2X / 4MB SDRAM / DDC2B Fxx/Gxx models: ATI Rage Mobility M1 / AGP 2X / 8MB SDRAM / DDC2B										
Graphics - external	External SVGA to 1024x768x16.7 million colors at 85Hz and up to 1600x1200										
Keyboard	ThinkPad Button / palm rest / TrackPoint®, Press-to-Select, Internet Scroll Bar										
ThinkLight	Illuminates the keyboard to improve visibility in low-light conditions										
UltraPort™ connectr	None										
Cover	IBM ThinkPad UltraCarbon™ case										
Dimensions ³	Dxx/Exx/Gxx: approximately 12.7 x 10.7 x 1.47-1.73"; 317 x 267.5 x 36.7-43.3mm Fxx: approximately 13.2 x 10.7 x 1.5-1.79"; 329 x 267.5 x 38.1-44.7mm										
Approximate weight ²	with CD or DVD drive and battery: Dxx: 6.3 lb, Exx: 6.6 lb, Fxx: 7.0 lb, Gxx: 6.8 lb										
Battery - type	Lithium Ion 6-cell / intelligent / supports unique 2nd battery in Ultrabay 2000										
Battery - life ¹⁰	3.5 hrs										
Architecture	Intel 440BX AGPset / Intel PIIx4M (EIDE with Ultra DMA/33 or PIO Mode 4 support, ISA Bridge, USB) / TI® PCI1450 for CardBus / AGP 2X for graphics / PCI 2.1 / 32-bit / 33MHz (EIDE, CardBus, audio, USB, ext expansion) / PC97338 Super I/O / ISA (diskette, serial, parallel, infrared, ext exp)										
Port replicator	Optional ThinkPad Port Replicator										
Docking Station	Optional ThinkPad Dock (includes Ultrabay 2000 and half-size PCI slot)										
PC Card Std slots	2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / Zoomed Video										
Ports	USB: One (Version 1.1) / Serial: one 9 pin / Parallel: one / keyboard / mouse / external DB-15 monitor / infrared (4Mbps) / RJ-11 (modem) / RJ-45 (ethernet)										
Video in and out	Fxx/Gxx: S-Video out (no S-Video in)										
Communicatns Bay	Communications Bay with Mini PCI IIIb slot / customer accessible										
Modem	Some models: 56K ⁶ V.90 Mini PCI modem card / Lucent® chip set										
Ethernet/modem	Some models: IBM 10/100 Ethernet Mini PCI Adapter with 56K Modem by 3Com (3Com ethernet chipset / 3Com modem chip set) Some models: IBM 10/100 EtherJet™ Mini PCI Adapter with 56K Modem / Intel ethernet chipset / Lucent modem chip set										
Audio support	PCI audio / SoundBlaster Pro™ support / CS4624 with CS4297A AC97 codec / stereo speakers / .5 watt / volume up, down, mute buttons / int microphone / input jack (3.5 mm) / output jack (3.5 mm) / line in										
Security	Power-on password / hard disk password / supervisor password / security keyhole										
Limited warranty ¹²	1 year - EasyServ™.19 onsite pickup and delivery courier service										
Service options	Service upgrades ²² provide up to three years of onsite or depot repair service coverage from date of ThinkPad purchase (including warranty period)										
Communication Bay							- 64MB SO DIMM 100MHz NP SDRAM		20L0254		
- IBM 10/100 Ethernet Mini PCI Adapter with 56K Modem by 3Com				09N9774			- 128MB SO DIMM 100MHz NP SDRAM		20L0255		
- IBM 10/100 EtherJet Mini PCI Adapter with 56K Modem				19K5887			- 256MB SO DIMM 100MHz NP SDRAM		33L3069		
Ultrabay 2000 interchangeable accessories							- 10GB HDD		08K9510		
- 24X-10X CD-ROM Ultrabay 2000 Drive			05K9233				- 20GB HDD		27L3439		
- 8X-2X DVD Ultrabay 2000 Drive			27L3448				- 32GB HDD		08K9511		
- Zip 250MB Ultrabay 2000 Drive			00N8253				- Second HDD Adapter for Ultrabay 2000		08K6068		
- 2X SuperDisk (LS-120) UltraBay 2000			27L3451				- Portable Drive Bay 2000		19K4480		
- 4X/4X/20X CD-Read/Write Ultrabay 2000			00N8252				(accepts all Ultrabay 2000 storage devices)				
- Ultrabay 2000 Li-Ion battery			02K6646				- ThinkPad Port Replicator		02K8667		
- Travel Bezel for Ultrabay 2000			08K6070				- ThinkPad Dock		263110U		
Wireless connectivity							- ThinkPad A Series Battery (9-cell)		02K6640		
- IBM High Rate Wireless LAN PC Card			09N9863				- ThinkPad 72W AC Adapter		02K6699		
- IBM H Rate Wireless LAN Access Point			9085NA2				- IBM 340MB Microdrive		00N8073		
							- ThinkPad Monitor Stand 2000		00N8222		
							- Asset ID RF Adapter		08K6064		
							- IBM Multi-Port USB Hub		00N8215		

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* Linux preloaded model does not support most options and has other limitations²⁵

Models withdrawn effective April 2001 or July 2001

No warranties are expressed or implied in this summary

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Type-model	Processor	MHz	Mem	Screen	Disk	CD or DVD	Communications Bay	Preload	Available
2628-DSU	Pentium III	700	64MB	12.1" SVGA	10GB ⁸	24X-10X ⁹ CD	Intel® ethernet/modem	Windows 98 SE	Nov 2000
2628-DTU	Pentium III	700	64MB	12.1" SVGA	10GB	24X-10X CD	Intel ethernet/modem	Windows 2000	Nov 2000
2628-ESU	Pentium III	700	64MB	14.1" XGA	10GB	8X-2X ⁹ DVD	Intel ethernet/modem	Windows 98 SE	Nov 2000
2628-ETU	Pentium III	700	64MB	14.1" XGA	10GB	8X-2X DVD	Intel ethernet/modem	Windows 2000	Nov 2000
2628-FSU	Pentium III	750	64MB	15.0" XGA	20GB	24X-10X CD	Intel ethernet/modem	Windows 98 SE	Nov 2000
2628-FTU	Pentium III	750	64MB	15.0" XGA	20GB	24X-10X CD	Intel ethernet/modem	Windows 2000	Nov 2000
2628-G6U	Pentium III	800	64MB	14.1" XGA	20GB	8X-2X DVD	modem	Windows 98 SE, Small Business	Mar 2001
2628-G8U	Pentium III	800	64MB	14.1" XGA	20GB	8X-2X DVD	Intel ethernet/modem	Windows 98 SE, Small Business	Mar 2001
2628-G7U	Pentium III	800	64MB	14.1" XGA	20GB	8X-2X DVD	modem	Windows 2000, Small Business	Mar 2001
2628-G9U	Pentium III	800	64MB	14.1" XGA	20GB	8X-2X DVD	Intel ethernet/modem	Windows 2000, Small Business	Mar 2001

Processor	Intel® Pentium® III 700, 750, or 800MHz¹ with SpeedStep™ technology and 100MHz system bus	WINDOWS 98 PRELOAD¹⁴ <ul style="list-style-type: none">- Microsoft® Windows® 98 Second Edition¹³- <i>Some models:</i> Office 2000 Small Business (Word, Excel, Outlook, Publisher, Small Business Tools) preloaded and CD-ROM• ThinkPad Utilities• ThinkPad Assistant™• ConfigSafe®• IBM Update Connector™.¹⁵• Access ThinkPad II• PC-Doctor™- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license✧ Software Selections CD-ROM✧ Recovery CD-ROM (Windows 98 SE)
L2 cache	256KB / onboard (at processor speed) / ECC	
Memory	64MB standard / 512MB max ⁷ / SDRAM / non-parity / 100MHz / PC 100 / two 144-pin SO-DIMM sockets / std memory in one socket / 1 socket available	
Diskette drive	3.5" 1.44MB / not removable	WINDOWS 2000 PRELOAD¹⁴ <ul style="list-style-type: none">- Windows 2000 Professional¹³- <i>Some models:</i> Office 2000 Small Business (Word, Excel, Outlook, Publisher, Small Business Tools) preloaded and CD-ROM• ThinkPad Utilities• ThinkPad Assistant• ConfigSafe®• IBM Update Connector• Access ThinkPad II• PC-Doctor- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license✧ Software Selections CD-ROM✧ Recovery CD-ROM (Windows 2000)✧ Recovery CD-ROM (Windows NT) <p>The right bay (Ultrabay 2000) supports the following:</p> <ul style="list-style-type: none">• standard or optional CD-ROM• standard or optional DVD drive• optional Zip drive• optional second battery• optional SuperDisk (LS-120) drive• optional CD-RW• optional HDD adapter; for second disk• optional ThinkPad Proven™ solutions¹⁶ (such as Travel Bezel)
CD or DVD-ROM	Bootable / removable from Ultrabay™ 2000 (modular bay)	
Disk (removable)	10 or 20GB⁸ / upgradeable / S.M.A.R.T. / supports 2nd disk in opt HDD adapter	
Display	12.1" (307.3mm) SVGA (800x600) TFT color / Active Matrix 14.1" (358.1mm) XGA (1024x768) TFT color / Active Matrix 15.0" (381mm) XGA (1024x768) TFT color / Active Matrix	
Graphics controller	<i>Dxx/Exx models:</i> ATI® Rage™ Mobility M / AGP 2X / 4MB SDRAM / DDC2B <i>Fxx/Gxx models:</i> ATI Rage Mobility M1 / AGP 2X / 8MB SDRAM / DDC2B	
Graphics - external	External SVGA to 1024x768x16.7 million colors at 85Hz and up to 1600x1200	
Keyboard	ThinkPad Button / palm rest / TrackPoint®, "Press-to-Select," Internet Scroll Bar	
ThinkLight	Illuminates the keyboard to improve visibility in low-light conditions	
UltraPort™ connect	None	
Cover	IBM ThinkPad UltraCarbon™ case	
Dimensions ³	<i>Dxx/Exx/Gxx:</i> approximately 12.7 x 10.7 x 1.47-1.73"; 317 x 267.5 x 36.7-43.3mm <i>Fxx:</i> approximately 13.2 x 10.7 x 1.5-1.79"; 329 x 267.5 x 38.1-44.7mm	
Approximate weight ²	with CD or DVD drive and battery: <i>Dxx:</i> 6.3 lb, <i>Exx/Gxx:</i> 6.6 lb, <i>Fxx:</i> 7.0 lb	
Battery - type	Lithium Ion 6-cell / intelligent / supports unique 2nd battery in Ultrabay 2000	
Battery - life ¹⁰	3.5 to 3.7 hours	
Architecture	Intel 440BX AGPset / Intel PIIX4M (EIDE with Ultra DMA/33 or PIO Mode 4 support, ISA Bridge, USB) / TI® PCI1450 for CardBus / AGP 2X for graphics / PCI 2.1 / 32-bit / 33MHz (EIDE, CardBus, audio, USB, ext expansion) / PC97338 Super I/O / ISA (diskette, serial, parallel, infrared, ext exp)	
Port replicator	Optional ThinkPad Port Replicator	
Docking Station	Optional ThinkPad Dock (includes Ultrabay 2000 and half-size PCI slot)	
PC Card Std slots	2 Type I, 2 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / Zoomed Video	
Ports	USB: One (Version 1.1) / Serial: one 9 pin / Parallel: one / keyboard / mouse / external DB-15 monitor / infrared (4Mbps) / RJ-11 (modem) / RJ-45 (ethernet)	
Video in and out	<i>Fxx/Gxx:</i> S-Video out (no S-Video in)	
Communicatns Bay	Communications Bay with Mini PCI IIIB slot / customer accessible	
Ethernet/modem	IBM 10/100 EtherJet™ Mini PCI Adapter with 56K ⁶ Modem / Intel ethernet chipset / Lucent® modem chip set	
Audio support	PCI audio / SoundBlaster Pro™ support / CS4624 with CS4297A AC97 codec / stereo speakers / .5 watt / volume up, down, mute buttons / int microphone / input jack (3.5 mm) / output jack (3.5 mm) / line in	
Security	Power-on password / hard disk password / supervisor password / security keyhole	
Limited warranty ^{*.12}	1 year - EasyServ™. ¹⁹ onsite pickup and delivery courier service	
Service options	Service upgrades ²² provide up to three years of onsite or depot repair service coverage from date of ThinkPad purchase (including warranty period)	

Communication Bay									
- IBM 10/100 Ethernet Mini PCI Adapter with 56K Modem by 3Com	09N9774	- 64MB SO DIMM 100MHz NP SDRAM	20L0254						
- IBM 10/100 EtherJet Mini PCI Adapter with 56K Modem	19K5887	- 128MB SO DIMM 100MHz NP SDRAM	20L0255						
		- 256MB SO DIMM 100MHz NP SDRAM	33L3069						
Ultrabay 2000 interchangeable accessories		- 10GB HDD	08K9510						
- 24X-10X CD-ROM Ultrabay 2000 Drive	05K9233	- 20GB HDD	27L3439						
- 8X-2X DVD Ultrabay 2000 Drive	27L3448	- 32GB HDD	08K9511						
- Zip 250MB Ultrabay 2000 Drive	00N8253	- Second HDD Adapter for Ultrabay 2000	08K6068						
- 2X SuperDisk (LS-120) UltraBay 2000	27L3451	- Portable Drive Bay 2000	19K4480						
- 4X/4X/20X CD-Read/Write Ultrabay 2000	00N8252	(accepts all Ultrabay 2000 storage devices)							
- Ultrabay 2000 Li-Ion battery	02K6646	- ThinkPad Port Replicator	02K8667						
- Travel Bezel for Ultrabay 2000	08K6070	- ThinkPad Dock	263110U						
Wireless connectivity		- ThinkPad A Series Battery (9-cell)	02K6640						
- IBM High Rate Wireless LAN PC Card	09N9863	- ThinkPad 72W AC Adapter	02K6699						
- IBM H Rate Wireless LAN Access Point	9085NA2	- IBM 340MB Microdrive™	00N8073						
		- ThinkPad Monitor Stand 2000	00N8222						
		- Asset ID RF Adapter	08K6064						
		- IBM Multi-Port USB Hub	00N8215						

* For a copy of IBM's Statement of Limited Warranty, call 1-800-772-2227

US models announced March 1, 2001

US models withdrawn effective April 2001 or April 2002

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