

IBM® ThinkPad® A21e (2628) - withdrawn

Type-model	Processor	MHz	Mem	Screen	Disk	CD	Comm Bay	Design	Modular bay	Preload	Avail	
2628-C1U	Celeron™	600	64MB	12.1" SVGA	10GB ⁸	24X-10X ⁹ CD	modem	Three spindle	Ultrabay 2000	Windows 98 SE	Oct 00	
2628-CXU	Celeron	600	64MB	12.1" SVGA	10GB	24X-10X CD	3Com® eth/mod	Three spindle	Ultrabay 2000	Windows 98 SE	Oct 00	
2628-CSU	Celeron	600	64MB	12.1" SVGA	10GB	24X-10X CD	Intel® eth/mod	Three spindle	Ultrabay 2000	Windows 98SE	Nov 00	
2628-C2U	Celeron	600	64MB	12.1" SVGA	10GB	24X-10X CD	modem	Three spindle	Ultrabay 2000	Windows 2000	Oct 00	
2628-CYU	Celeron	600	64MB	12.1" SVGA	10GB	24X-10X CD	3Com eth/mod	Three spindle	Ultrabay 2000	Windows 2000	Oct 00	
2628-CTU	Celeron	600	64MB	12.1" SVGA	10GB	24X-10X CD	Intel eth/mod	Three spindle	Ultrabay 2000	Windows 2000	Nov 00	
2628-J1U	Celeron	600	64MB	15.0" XGA	10GB	24X-10X CD	modem	Three spindle	Ultrabay 2000	Windows 98 SE	Oct 00	
2628-JXU	Celeron	600	64MB	15.0" XGA	10GB	24X-10X CD	3Com eth/mod	Three spindle	Ultrabay 2000	Windows 98 SE	Oct 00	
2628-JSU	Celeron	600	64MB	15.0" XGA	10GB	24X-10X CD	Intel eth/mod	Three spindle	Ultrabay 2000	Windows 98 SE	Nov 00	
2628-J2U	Celeron	600	64MB	15.0" XGA	10GB	24X-10X CD	modem	Three spindle	Ultrabay 2000	Windows 2000	Oct 00	
2628-JWU	Celeron	600	64MB	15.0" XGA	10GB	24X-10X CD	3Com eth/mod	Three spindle	Ultrabay 2000	Windows 2000	Oct 00	
2628-JTU	Celeron	600	64MB	15.0" XGA	10GB	24X-10X CD	Intel eth/mod	Three spindle	Ultrabay 2000	Windows 2000	Nov 00	
2628-JAU	Celeron	700	64MB	15.0" XGA	20GB	24X-10X CD	modem	Three spindle	Ultrabay 2000	Windows 98 SE	Feb 01	
2628-JUU	Celeron	700	64MB	15.0" XGA	20GB	24X-10X CD	Intel eth/mod	Three spindle	Ultrabay 2000	Windows 98 SE	Feb 01	
2628-JCU	Celeron	700	64MB	15.0" XGA	20GB	24X-10X CD	modem	Three spindle	Ultrabay 2000	Windows 2000	Feb 01	
2628-JVU	Celeron	700	64MB	15.0" XGA	20GB	24X-10X CD	Intel eth/mod	Three spindle	Ultrabay 2000	Windows 2000	Feb 01	
Processor	Intel® Mobile Celeron™ 600 or 700MHz¹ with 100MHz system bus								WINDOWS 98 PRELOAD¹⁴			
L2 cache	128KB / onboard (at processor speed) / ECC								- Microsoft® Windows® 98 Second Edition ¹³			
Memory	64MB standard / 256MB max ⁷ / SDRAM / non-parity / 100MHz / PC 100 / two 144-pin SO-DIMM sockets / std memory in one socket / 1 socket available								• ThinkPad Utilities			
Diskette drive	3.5" 1.44MB / not removable								• ThinkPad Assistant™			
CD or DVD-ROM	Bootable / removable from Ultrabay™ 2000								• ConfigSafe®			
Ultrabay 2000	Modular bay for interchangeable devices								• IBM Update Connector™.15			
Disk (removable)	10GB or 20GB / upgradeable / S.M.A.R.T. / supports 2nd disk in opt HDD adapter								• Access ThinkPad II			
Display	12.1" (307.3mm) SVGA (800x600) TFT color / Active Matrix								• PC-Doctor™			
	15.0" (381mm) XGA (1024x768) TFT color / Active Matrix								- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license			
Graphics controller	ATI® Rage™ Mobility-M / PCI / 4MB SDRAM / DDC2B								◇ Software Selections CD-ROM			
Graphics - external	External SVGA to 1024x768x16.7 million colors at 85Hz and up to 1600x1200								◇ Recovery CD-ROM (Windows 98 SE)			
Keyboard	ThinkPad Button / palm rest / TrackPoint®, Press-to-Select, Internet Scroll Bar								WINDOWS 2000 PRELOAD¹⁴			
ThinkLight	Illuminates the keyboard to improve visibility in low-light conditions								- Windows 2000 Professional ¹³			
UltraPort™ connectr	None								• ThinkPad Utilities			
Case material	<i>Color: black; Material: ABS plastic</i>								• ThinkPad Assistant			
Dimensions ³	Cxx: approximately 12.7 x 10.7 x 1.47-1.73"; 317mm x 267.5mm x 36.7-43.3mm								• ConfigSafe®			
	Jxx: approximately 12.95 x 10.53 x 1.5-1.79"; 329mm x 268mm x 38.1-44.7mm								• IBM Update Connector			
Approximate weight ²	with CD drive and battery: Cxx: 6.6 lb (3.0 kg) Jxx: 7.2 lb (3.3 kg)								• Access ThinkPad II			
Battery - type	Lithium Ion 6-cell / intelligent / supports unique 2nd battery in Ultrabay 2000								• PC-Doctor			
Battery - life ¹⁰	3 hrs; JAU/JUU/JCU/JVU: 3.5 hrs								- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license			
Charge time ¹⁰ - on / off	2 to 3 hrs / 1.5 to 2.5 hrs								◇ Software Selections CD-ROM			
Architecture	Intel 440MX PCiset (82443MX) / combines Host Bridge and PIIX4 in single chip / TI ⁶								◇ Recovery CD-ROM (Windows 2000)			
	PCI1410 for CardBus / PCI 2.1 / 32-bit / 33MHz (graphics, EIDE, CardBus, audio, USB) / PC97338 Super I/O / ISA (diskette, serial, parallel, ext exp)								◇ Recovery CD-ROM (Windows NT)			
Port replicator	Optional ThinkPad Port Replicator								The right bay (Ultrabay 2000) supports the following:			
Docking Station	No support for ThinkPad Dock								• standard or optional CD-ROM			
PC Card Std slots	1 Type I, 1 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / no Zoomed Video								• optional DVD drive			
Ports	USB: One (Version 1.1) / Serial: one 9 pin / Parallel: one / keyboard/mouse / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no infrared (4Mbps) / 72 watt AC Adapter / no Asset ID™ wireless RF technology support								• optional Zip drive			
Other features									• optional second battery			
Video in and out	None								• optional SuperDisk (LS-120) drive			
Communicatns Bay	Communications Bay with Mini PCI IIIb slot / customer accessible								• optional CD-RW			
Modem	<i>Some models:</i> 56K ⁶ V.90 Mini PCI modem card / Lucent® chip set								• optional HDD adapter; for second disk			
Ethernet/modem	<i>Some models:</i> IBM 10/100 Ethernet Mini PCI Adapter with 56K ⁶ Modem								• optional ThinkPad Proven™ solutions ¹⁶ (such as Travel Bezel)			
	3Com ethernet chipset / 3Com modem chip set											
	<i>Some models:</i> IBM 10/100 EtherJet™ Mini PCI Adapter with 56K Modem / Intel ethernet chipset / Lucent modem chip set											
Audio support	PCI audio / SoundBlaster Pro™ support / Intel 440MX AC97 audio support with CS4299 AC97 codec / stereo speakers / .5 watt / volume up, down, mute buttons / no int microphone / input jack (3.5 mm) / output jack (3.5 mm) / line in jack											
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				PC 99-compliant			
- IBM 10/100 Ethernet Mini PCI Adapter with 56K Modem by 3Com	09N9774				- 128MB SO DIMM 100MHz NP SDRAM 20L0255				CIM and DMI 2.0 compliant			
- IBM 10/100 EtherJet Mini PCI Adapter with 56K Modem	19K5887				- 10GB HDD 08K9510				Wired for Management 2.0			
Ultrabay 2000 interchangeable accessories					- 20GB HDD 27L3439				Local and remote asset management via the IBM Universal Manageability solutions			
- 24X-10X CD-ROM Ultrabay 2000 Drive	05K9233				- 32GB HDD 08K9511				IBM PC Lifecycle Care ²¹ provides proactive life cycle management and transition planning tools			
- 8X-2X DVD Ultrabay 2000 Drive	27L3448				- Second HDD Adapter for Ultrabay 2000 08K6068				ENERGY STAR compliant			
- Zip 250MB Ultrabay 2000 Drive	00N8253				- Portable Drive Bay 2000 19K4480				Setup Guide, User's Reference, Windows manual			
- 2X SuperDisk (LS-120) UltraBay 2000	27L3451				(accepts all Ultrabay 2000 storage devices)				Personalized Web-based support			
- 4X/4X/20X CD-Read/Write Ultrabay 2000	00N8252				- ThinkPad Port Replicator 02K8667				International Warranty Service ¹⁷			
- Ultrabay 2000 Li-Ion battery	02K6646				- Multiple Li-Ion/NiMH Battery Charger 02K6719				IBM SystemXtra ²⁰			
- Travel Bezel for Ultrabay 2000	08K6070				- ThinkPad A Series Battery (9-cell) 02K6640				24 hour x 7 day ¹⁸ toll-free hardware support during the warranty			
Wireless connectivity					- ThinkPad 72W AC Adapter 02K6699							
- IBM H Rate Wireless LAN PC Card 128	09N9904				- IBM 340MB Microdrive 00N8073							
- IBM Wireless LAN Access Point 500	09N9906				- ThinkPad Monitor Stand 2000 00N8222							
					- IBM Multi-Port USB Hub 00N8215							

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 © Announced February 6, 2001
 Models withdrawn effective July 2001

No warranties are expressed or implied in this summary
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IBM® ThinkPad® A21e (2655) - withdrawn

Type-model	Processor	MHz	Mem	Screen	Disk	CD	Communications	Bay Design	Modular bay	Preload	Avail
2655-21U	Celeron™	650	64MB	12.1" SVGA	20GB ⁸	24X-10X ⁹ CD	modem	Two spindle	Ultrabay™ 2000	Windows® 98 SE	Mar 01
2655-71U	Celeron	650	64MB	12.1" SVGA	20GB	24X-10X CD	modem	Two spindle	Ultrabay 2000	Windows 2000	Mar 01
2655-23U	Celeron	650	64MB	12.1" SVGA	20GB	24X-10X CD	Intel® eth/mod	Two spindle	Ultrabay 2000	Windows 98 SE	Mar 01
2655-73U	Celeron	650	64MB	12.1" SVGA	20GB	24X-10X CD	Intel eth/mod	Two spindle	Ultrabay 2000	Windows 2000	Mar 01
2655-41U	Celeron	700	64MB	14.1" XGA	20GB	24X-10X CD	modem	Two spindle	Ultrabay 2000	Windows 98 SE	Mar 01
2655-91U	Celeron	700	64MB	14.1" XGA	20GB	24X-10X CD	modem	Two spindle	Ultrabay 2000	Windows 2000	Mar 01
2655-43U	Celeron	700	64MB	14.1" XGA	20GB	24X-10X CD	Intel eth/mod	Two spindle	Ultrabay 2000	Windows 98 SE	Mar 01
2655-93U	Celeron	700	64MB	14.1" XGA	20GB	24X-10X CD	Intel eth/mod	Two spindle	Ultrabay 2000	Windows 2000	Mar 01

Processor	Intel® Mobile Celeron™ 650 or 700MHz¹ with 100MHz system bus						WINDOWS 98 PRELOAD¹⁴					
L2 cache	128KB / onboard (at processor speed) / ECC						- Microsoft® Windows® 98 Second Edition ¹³					
Memory	64MB standard / 256MB max ⁷ / SDRAM / non-parity / 100MHz / PC 100 / two 144-pin SO-DIMM sockets / std memory in one socket / 1 socket available						• ThinkPad Utilities					
Diskette drive	None standard / optional USB Portable Diskette Drive or Ultrabay 2000 diskette drive						• ThinkPad Assistant™					
CD or DVD-ROM	Bootable / removable from Ultrabay™ 2000						• ConfigSafe®					
Ultrabay 2000	Modular bay for interchangeable devices / cold (system off) swap only						• IBM Update Connector™ ¹⁵					
Disk (removable)	20GB⁸ / upgradeable / S.M.A.R.T. / supports 2nd disk in opt HDD adapter						• Access ThinkPad II					
Display	12.1" (307.3mm) SVGA (800x600) TFT color / Active Matrix						• PC-Doctor™					
	14.1" (358.1mm) XGA (1024x768) TFT color / Active Matrix						- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license					
Graphics controller	ATI® Rage™ Mobility-M / PCI / 4MB SDRAM / DDC2B						◇ Software Selections CD-ROM					
Graphics - external	External SVGA to 1024x768x16.7 million colors at 85Hz and up to 1600x1200						◇ Recovery CD-ROM (Windows 98 SE)					
Keyboard	ThinkPad Button / palm rest / TrackPoint®, Press-to-Select, Internet Scroll Bar						◇ Disk-to-Disk Recovery (in hidden Service Partition)					
ThinkLight	Illuminates the keyboard to improve visibility in low-light conditions						WINDOWS 2000 PRELOAD¹⁴					
UltraPort™ connectr	None						- Windows 2000 Professional ¹³					
Case material	<i>Color: black; Top: ABS plastic; Bottom: glass-fiber reinforced plastic</i>						• ThinkPad Utilities					
Dimensions ³	Approximately 12.0 x 10.4 x 1.4"; 305mm x 254mm x 35.6mm						• ThinkPad Assistant					
Approximate weight ²	with battery and optional travel bezel in Ultrabay 2000: 12.1" models: 5.7 lb (2.59 kg); 14.1" models: 5.8 lb (2.62 kg)						• ConfigSafe®					
Battery - type	NiMH 7-cell / intelligent / supports optional Li-Ion battery / does not support any battery in Ultrabay 2000						• IBM Update Connector					
Battery - life ¹⁰	2.5 hrs (NiMH 7-cell) / 3.0 hrs with optional Li-Ion						• Access ThinkPad II					
Charge time ¹⁰ - on / off	3.2 to 6 hrs / 3.2 hrs						• PC-Doctor					
Architecture	Intel 440MX PCiSet (82443MX) / combines Host Bridge and PIIx4 in single chip / TI ⁶ PCI1410 for CardBus / PCI 2.1 / 32-bit / 33MHz (graphics, EIDE, CardBus, audio, USB) / PC97338 Super I/O / ISA (serial, parallel, external expansion)						- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license					
Port replicator	Optional ThinkPad Port Replicator						◇ Software Selections CD-ROM					
Docking Station	No support for ThinkPad Dock						◇ Recovery CD-ROM (Windows 2000)					
PC Card Std slots	1 Type I, 1 Type II, or 1 Type III / CardBus 32-bit / PCMCIA 2.1 / no Zoomed Video						◇ Recovery CD-ROM (Windows NT)					
Ports	One USB (Version 1.1) / one serial (9 pin) / parallel / external DB-15 monitor / RJ-11 (modem) / RJ-45 (ethernet) / no keyboard or mouse or infrared						◇ Disk-to-Disk Recovery (in hidden Service Partition)					
Other features	72 watt AC Adapter / no Asset ID™ wireless RF technology support											
Video in and out	None						The right bay (Ultrabay 2000) supports the following:					
Communicatns Bay	Communications Bay with Mini PCI IIIa slot / customer accessible						• standard or optional CD-ROM					
Modem	<i>Some models:</i> 56K ⁶ V.90 Mini PCI modem card / Lucent® chip set						• optional DVD drive					
Ethernet/modem	<i>Some models:</i> IBM 10/100 EtherJet™ Mini PCI Adapter with 56K ⁶ Modem / Intel ethernet chipset / Lucent modem chip set						• optional Zip drive					
Audio support	PCI audio / SoundBlaster Pro™ support / Intel 440MX AC97 audio support with CS4299 AC97 codec / mono speaker / 1.5 watt / volume up, down, mute buttons above keyboard						• optional SuperDisk (LS-240) drive					
Audio jacks	Input jack (3.5 mm) / output jack (3.5 mm) / line in jack / no internal microphone						• optional CD-RW					
Security	Power-on password / hard disk password / supervisor password / security keyhole						• optional HDD adapter; for second disk					
Limited warranty ¹²	1 year - EasyServ™ ¹⁹ onsite pickup and delivery courier service						• optional ThinkPad Proven™ solutions ¹⁶ (such as Travel Bezel)					
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)						• no support for battery on the A21e 2655					
							• optional diskette					
Options							PC 99-compliant					
64MB SO DIMM 100MHz NP SDRAM	20L0254						PXE 2.0-compliant					
128MB SO DIMM 100MHz NP SDRAM	20L0255						Wired for Management (WfM) 2.0					
256MB SO DIMM 100MHz NP SDRAM	33L3069						Local and remote asset management via the IBM Universal Manageability solutions					
ThinkPad Removable Diskette Drive	08K9603						IBM PC Lifecycle Care ²¹ provides proactive life cycle management and transition planning tools					
SuperDisk (LS-240) UltraBay 2000 Drive	08K9616						ENERGY STAR compliant					
Zip 250MB Ultrabay 2000 Drive	00N8253						Setup Guide, User's Reference, Windows manual					
24X-10X CD-ROM Ultrabay 2000 Drive	05K9233						Personalized Web-based support					
8X/4X/24X CD-RW Ultrabay 2000 Drive	08K9569						International Warranty Service ¹⁷					
8X-2X DVD Ultrabay 2000 Drive	27L3448						IBM SystemXtra® ²⁰					
CD-RW/DVD Combo Ultrabay 2000 Drive	08K9572						24 hour x 7 day ¹⁸ toll-free hardware support during the warranty					
Travel Bezel for Ultrabay 2000	08K6070											
Second HDD Adapter for Ultrabay 2000	08K6068											
15GB HDD	08K9588											
30GB HDD	08K9593											
32GB HDD*	08K9511											
* Supported in Ultrabay 2000 only. Requires HDD adapter 08K6068												

IBM® ThinkPad® A21m - withdrawn

Type-model	Processor	MHz	Mem	Screen	Disk	CD or DVD	CommunicaBay	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 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™ connectr	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:</i> 6.6 lb, <i>Fxx:</i> 7.0 lb, <i>Gxx:</i> 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: (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								
Modem	<i>Some models:</i> 56K ⁵ V.90 Mini PCI modem card / Lucent® chip set								
Ethernet/modem	<i>Some models:</i> IBM 10/100 Ethernet Mini PCI Adapter with 56K Modem by 3Com (3Com ethernet chipset / 3Com modem chip set) <i>Some models:</i> 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 (accepts all Ultrabay 2000 storage devices)		19K4480			
- 4X/4X/20X CD-Read/Write Ultrabay 2000	00N8252			- ThinkPad Port Replicator		02K8667			
- Ultrabay 2000 Li-Ion battery	02K6646			- ThinkPad Dock		263110U			
- Travel Bezel for Ultrabay 2000	08K6070			- ThinkPad A Series Battery (9-cell)		02K6640			
Wireless connectivity				- ThinkPad 72W AC Adapter		02K6699			
- IBM High Rate Wireless LAN PC Card	09N9863			- IBM 340MB Microdrive		00N8073			
- IBM H Rate Wireless LAN Access Point	9085NA2			- ThinkPad Monitor Stand 2000		00N8222			
				- Asset ID RF Adapter		08K6064			
				- IBM Multi-Port USB Hub		00N8215			

WINDOWS 98 PRELOAD¹⁴
 - Microsoft® Windows® 98 Second Edition¹³
 • 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)

WINDOWS 2000 PRELOAD¹⁴
 - Windows 2000 Professional¹³
 • 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)

LINUX PRELOAD¹⁴
 - Caldera® OpenLinux™ eDesktop 2.4
 • Access ThinkPad II
 • StarOffice
 • Netscape Communicator
 ♦ OpenLinux eDesktop CD-ROM
 ♦ Recovery CD-ROM

The right bay (Ultrabay 2000) supports the following:
 • 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)

72 watt AC Adapter
 PC 99-compliant
 CIM and DMI 2.0 compliant
 Wired for Management 2.0
 Local and remote asset management via the IBM Universal Manageability solutions
 IBM PC Lifecycle Care²¹ provides proactive life cycle management and transition planning tools
 ENERGY STAR compliant
 Setup Guide, User's Reference, Windows manual
 Asset ID™ wireless RF technology via replacing HDD access door
 Personalized Web-based support
 International Warranty Service¹⁷
 IBM SystemXtra®-20
 24 hour x 7 day¹⁸ toll-free hardware support during the warranty

All trademarks are the property of their respective owners

* 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

(A21M) © IBM Corp. July 2001

IBM® ThinkPad® A21m (Fall 2000) - withdrawn

Created by IBM PC Institute
Personal Systems Reference (PSREF)

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			
L2 cache	256KB / onboard (at processor speed) / ECC						<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) 			
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) 			
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						<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) 			
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						<p>72 watt AC Adapter PC 99-compliant CIM and DMI 2.0 compliant Wired for Management 2.0 Local and remote asset management via the IBM Universal Manageability solutions IBM ImageUltra Services available IBM Rapid Restore PC available to protect software image and data Setup Guide, User's Reference, Windows manual Asset ID™ wireless RF technology via replacing HDD access door Personalized Web-based support International Warranty Service¹⁷ 24 hour x 7 day¹⁸ toll-free hardware support during the warranty</p>			
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						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
ThinkLight	Illuminates the keyboard to improve visibility in low-light conditions									
UltraPort™ connect	None						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
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						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
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						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
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)						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
Port replicator	Optional ThinkPad Port Replicator									
Docking Station	Optional ThinkPad Dock (includes Ultrabay 2000 and half-size PCI slot)						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
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)						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
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						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
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						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
Security	Power-on password / hard disk password / supervisor password / security keyhole									
Limited warranty* ¹²	1 year - EasyServ™ ¹⁹ onsite pickup and delivery courier service						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
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						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- IBM 10/100 EtherJet Mini PCI Adapter with 56K Modem 19K5887									
Ultrabay 2000 interchangeable accessories	- 24X-10X CD-ROM Ultrabay 2000 Drive 05K9233						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- 8X-2X DVD Ultrabay 2000 Drive 27L3448									
	- Zip 250MB Ultrabay 2000 Drive 00N8253						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- 2X SuperDisk (LS-120) UltraBay 2000 27L3451									
	- 4X/4X/20X CD-Read/Write Ultrabay 2000 00N8252						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- Ultrabay 2000 Li-Ion battery 02K6646									
	- Travel Bezel for Ultrabay 2000 08K6070						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
Wireless connectivity	- IBM High Rate Wireless LAN PC Card 09N9863									
	- IBM H Rate Wireless LAN Access Point 9085NA2						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- 64MB SO DIMM 100MHz NP SDRAM 20L0254									
	- 128MB SO DIMM 100MHz NP SDRAM 20L0255						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- 256MB SO DIMM 100MHz NP SDRAM 33L3069									
	- 10GB HDD 08K9510						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- 20GB HDD 27L3439									
	- 32GB HDD 08K9511						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- Second HDD Adapter for Ultrabay 2000 08K6068									
	- Portable Drive Bay 2000 19K4480						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	(accepts all Ultrabay 2000 storage devices)									
	- ThinkPad Port Replicator 02K8667						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- ThinkPad Dock 263110U									
	- ThinkPad A Series Battery (9-cell) 02K6640						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- ThinkPad 72W AC Adapter 02K6699									
	- IBM 340MB Microdrive™ 00N8073						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- ThinkPad Monitor Stand 2000 00N8222									
	- Asset ID RF Adapter 08K6064						<p>◇ Recovery CD-ROM (Windows 2000)</p> <p>◇ Recovery CD-ROM (Windows NT)</p>			
	- 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

No warranties are expressed or implied in this summary
(A21MF) © IBM Corp. April 2002

IBM® ThinkPad® A21p - withdrawn

Type-model	Processor	MHz	Mem	Screen	Disk	DVD	Communication	Bay	Preload	Avail
2629-H1U	Pentium® III	850	128MB	15" UXGA	32GB ⁸ 8X-2X ⁹		modem		98 SE	Sept 00
2629-HXU	Pentium III	850	128MB	15" UXGA	32GB 8X-2X		3Com® eth/modem		98 SE	Sept 00
2629-HSU	Pentium III	850	128MB	15" UXGA	32GB 8X-2X		Intel® eth/modem		98 SE	Nov 00
2629-H2U	Pentium III	850	128MB	15" UXGA	32GB 8X-2X		modem		2000	Sept 00
2629-HWU	Pentium III	850	128MB	15" UXGA	32GB 8X-2X		3Com eth/modem		2000	Sept 00
2629-HTU	Pentium III	850	128MB	15" UXGA	32GB 8X-2X		Intel eth/modem		2000	Nov 00
Processor	Intel® Mobile Pentium® III 850MHz¹ with Intel SpeedStep™ technology and 100MHz system bus									
L2 cache	256KB / onboard (at processor speed) / ECC									
Memory	128MB standard / 512MB maximum ⁷ / SDRAM / non-parity / 100MHz / PC 100 / 3.3v / two 144-pin SO-DIMM sockets / 128MB in one socket / 1 socket available									
Diskette drive	3.5" 1.44MB / not removable									
DVD-ROM	DVD-ROM / 8X-2X ⁹ speed / bootable / removable from Ultrabay™ 2000									
Ultrabay 2000	Modular bay for interchangeable devices									
Disk (removable)	32GB⁸ / upgradeable / S.M.A.R.T. / supports 2nd disk in optional HDD adapter									
Display	15.0" (381mm) UXGA (1600x1200) TFT color / Active Matrix									
Graphics controller	ATI® Rage™ Mobility 128 / AGP 2X / 16MB SGRAM / 128-bit path to memory									
Graphics - external	Supports external digital monitor ⁵ via the Digital Video Interface (DVI) port on either of the optional docking solutions / DDC2B / 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™	UltraPort connector on top of display for options such as digital Ultraport Camera									
Case material	Titanium Composite in the cover for enhanced strength ⁴ and a lightweight design									
Dimensions ³	Approximately 13.2 x 10.7 x 1.5-1.79"; 329mm x 267.5mm x 38.1-44.7mm									
Approximate weight ²	with DVD drive and battery: 7.6 lb (3.45 kg)									
Battery - type	Lithium Ion 9-cell / intelligent / supports unique 2nd battery in Ultrabay 2000									
Battery - life ¹⁰	4 hours									
Charge time ¹⁰ - on / off	2 to 3 hrs / 1.5 to 2.5 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)									
Other features	72 watt AC Adapter									
Video in and out	S-video in and S-video out / two industry standard connectors / full MPEG-2 support / video out cable included (S-video to composite)									
Communicatns Bay	Communications Bay with Mini PCI III slot / customer accessible									
Modem	<i>Some models:</i> 56K ⁶ V.90 Mini PCI modem card / Lucent® chip set									
Ethernet/modem	<i>Some models:</i> IBM 10/100 Ethernet Mini PCI Adapter with 56K Modem (3Com ethernet chipset / 3Com modem chip set)									
	<i>Some models:</i> 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 / internal microphone / input jack (3.5 mm) / output jack (3.5 mm) / line in jack									
Security	Power-on password / hard disk password / supervisor password / security keyhole									
Limited warranty ¹²	3 years - 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)									
- UltraPort Array Microphone	09N4178	- 64MB SO DIMM 100MHz NP SDRAM	20L0254							
- UltraPort Compact Flash Reader	19K4510	- 128MB SO DIMM 100MHz NP SDRAM	20L0255							
- IBM IEEE 1394 CardBus Card	19K5679	- 256MB SO DIMM 100MHz NP SDRAM	33L3069							
- IBM 1GB Microdrive	07N5574	- IBM UltraPort Camera II	04P6135							
Communication Bay		- ThinkPad Port Replicator	02K8667							
- IBM 10/100 Ethernet Mini PCI Adapter with 56K Modem by 3Com	09N9774	- ThinkPad Dock*	263110U							
- IBM 10/100 EtherJet Mini PCI Adapter with 56K Modem	19K5887	- ThinkPad A Series Battery (9-cell)	02K6640							
Ultrabay 2000 interchangeable accessories		- ThinkPad 72W AC Adapter	02K6699							
- 24X-10X CD-ROM Ultrabay 2000 Drive	05K9233	- Multiple Li-Ion/MiMH Battery Charger	02K6719							
- 8X-2X DVD Ultrabay 2000 Drive	27L3448	- Li-Ion Multiple Battery Charger	02K6643							
- 2X SuperDisk (LS-120) Ultrabay 2000	27L3451	- SmartCard Security Kit	33L5075							
- 4X/4X/20X CD-Read/Write Ultrabay 2000	00N8252	- Asset ID RF Adapter	08K6064							
- 250MB Zip Ultrabay 2000 Drive	00N8253	- ThinkPad Monitor Stand 2000	00N8222							
- Ultrabay 2000 Li-Ion battery	02K6646	Interchangeable storage								
- Travel Bezel for Ultrabay 2000	08K6070	- 10.0GB HDD	08K9510							
Wireless connectivity		- 20.0GB HDD	27L3439							
- IBM High Rate Wireless LAN PC Card	09N9863	- 32.0GB HDD	08K9511							
- IBM H Rate Wireless LAN Access Point	9085NA2	- Second HDD Adapter for Ultrabay 2000 (to add a second disk, a Second HDD Adpr req)	08K6068							
- Bluetooth PC Card (available 4Q 2000)	09N9812	- Portable Drive Bay 2000*	19K4480							
		- IBM 340MB Microdrive	00N8073							
		* accepts Ultrabay 2000 storage devices								

WINDOWS 98 PRELOAD¹⁴

- Microsoft® Windows® 98 Second Edition¹³
- ThinkPad Utilities
- ThinkPad Assistant™
- ConfigSafe®
- IBM Update Connector™.15
- Access ThinkPad II
- PC-Doctor™
- Mediamatics DVD Express
- MGI VideoWare III (video editing)
- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license
- ✦ Software Selections CD-ROM
- ✦ Recovery CD-ROM (Windows 98 SE)

WINDOWS 2000 PRELOAD¹⁴

- Windows 2000 Professional¹³
- ThinkPad Utilities
- ThinkPad Assistant
- ConfigSafe®
- IBM Update Connector
- Access ThinkPad II
- PC-Doctor
- Mediamatics DVD Express
- MGI VideoWare III (video editing)
- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license
- ✦ Software Selections CD-ROM
- ✦ Recovery CD-ROM (Windows 2000)
- ✦ Recovery CD-ROM (Windows NT)

The right bay (Ultrabay 2000) supports the following:

- 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 travel bezel
- optional ThinkPad Proven™ solutions¹⁶

PC 99-compliant
 CIM and DMI 2.0 compliant
 Wired for Management 2.0
 Local and remote asset management via the IBM Universal Manageability solutions
 IBM PC Lifecycle Care²¹ provides proactive life cycle management and transition planning tools
 ENERGY STAR compliant
 Setup Guide, User's Reference, Windows manual
 Asset ID™ wireless RF technology (via replacing HDD access door)
 Personalized Web-based support
 International Warranty Service¹⁷
 IBM SystemXtra²⁰
 24 hour x 7 day¹⁸ toll-free hardware support during the warranty