IBM® ThinkPad® A22e - withdrawn

Type-model	Processor	MHz	Mem	Screen	Graphics	Disk	CD	Comm Bay	Design	Modular bay	Preload	Available
2655-25U	Celeron™	800	64MB	13.1" XGA	ATI®	15GB[8]	24X-10X[9]	Modem	Two spindle	Ultrabay™ 2000	Windows® 98 SE	Jun 2001
2655-75U	Celeron	800	64MB	13.1" XGA	ATI	15GB	24X-10X	Modem	Two spindle	Ultrabay 2000	Windows 2000	Jun 2001
2655-27U	Celeron	800	64MB	13.1" XGA	ATI	15GB	24X-10X	Intel® eth/mod	Two spindle	Ultrabay 2000	Windows 98 SE	Jun 2001
2655-77U	Celeron	800	64MB	13.1" XGA	ATI	15GB	24X-10X	Intel eth/mod	Two spindle	Ultrabay 2000	Windows 2000	Jun 2001
2655-45U	Pentium® III	850	64MB	13.1" XGA	S3®	30GB	24X-10X	Modem	Two spindle	Ultrabay 2000	Windows 98 SE	Jun 2001
2655-95U	Pentium III	850	64MB	13.1" XGA	S3	30GB	24X-10X	Modem	Two spindle	Ultrabay 2000	Windows 2000	Jun 2001
2655-47U	Pentium III	850	64MB	13.1" XGA	S3	30GB	24X-10X	Intel eth/mod	Two spindle	Ultrabay 2000	Windows 98 SE	Jun 2001
2655-97U	Pentium III	850	64MB	13.1" XGA	S3	30GB	24X-10X	Intel eth/mod	Two spindle	Ultrabay 2000	Windows 2000	Jun 2001

Processor	**Intel® Mobile Celeron™ 800 or 850MHz[1] with 100MHz Front Side Bus** or **Intel Mobile Pentium® III 850MHz with Speedstep™ Technology with 100MHz Front Side Bus**
L2 cache	*Celeron:* **128KB** / onboard (at processor speed) / ECC *Pentium III:* **256KB** / onboard (at processor speed) / ECC
Memory	*Celeron:* **64MB** standard / 256MB max[7] *Pentium III:* **64MB** standard / 512MB max[7] SDRAM / non-parity / 100MHz / PC100 / two 144-pin SO-DIMM sockets / std memory in one socket / 1 socket available
Diskette drive	None standard / optional USB Portable Diskette Drive or Ultrabay 2000 diskette drive
CD or DVD-ROM	Bootable / removable from Ultrabay™ 2000
Ultrabay 2000	Modular bay for interchangeable devices / cold (system off) swap only
Disk (removable)	**15GB**[8] or **30GB** / 9.5mm / upgradeable / S.M.A.R.T. / 2nd disk support in Ultrabay
Display	**13.1"** (337.8mm) **XGA (1024x768) TFT color** / Active Matrix
Graphics controller	*2xx/7xx:* ATI® Rage™ Mobility-M / **PCI** / **4MB** SDRAM / DDC2B *4xx/9xx:* S3 Savage™ IX8+ / **AGP** 2X / **8MB** SGRAM / 64-bit path to memory
Graphics - external	External SVGA to 1024x768x16.7 million colors at 85Hz and up to 1600x1200
Keyboard	85-key / ThinkPad Button / palm rest / TrackPoint®, "Press-to-Select," Internet Scroll Bar / pitch: 19mm; stroke: 2.7mm
ThinkLight	Illuminates the keyboard to improve visibility in low-light conditions
UltraPort™ connectr	None
Case material	*Color:* black; *Top:* ABS plastic; *Bottom:* glass-fiber reinforced plastic
Dimensions[3]	Approximately 12.0 x 10.0 x 1.4"; 305mm x 254mm x 35mm
Approximate weight[2]	with battery and CD-ROM: 5.7 lbs / 2.1 kgs
Battery - type	NiMH 7-cell / 8.4V 4.5AH / intelligent / supports optional Li-Ion battery / no support for Ultrabay 2000 battery
Battery - life[10]	3.0 hrs (Li-Ion 6-cell) / optional NiMH battery supported only on Celeron models
Charge time[10] - on / off	3.2 to 6 hrs / 3.2 hrs
AC adapter	Universal 72 watt / 16VDC 4.5A
Architecture	**Intel 440MX** PCIset (82443MX) / combines Host Bridge and PIIX4 in single chip / TI® PCI1410 for CardBus / PCI 2.1 / 32-bit / 33MHz (graphics, EIDE, CardBus, audio, USB) / PC97338 Super I/O / ISA (serial, parallel, external expansion)
Port replicator	Optional **ThinkPad Port Replicator**
Docking Station	No support for ThinkPad Dock
PC Card Std slots	1 Type I, Type II, or Type III / CardBus 32-bit / PCMCIA 2.1 / no Zoomed Video
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
Video in and out	None
Communicatns Bay	Communications Bay with Mini PCI IIIa slot / customer accessible
Modem	*Some:* 56K[6] V.90 Mini PCI modem card / Lucent® chip set
Ethernet/modem	*Some:* Intel® PRO/100 SP Mobile Combo Adapter / Mini PCI ethernet with 56K modem / Intel 82550EY ethernet chipset / Lucent modem chipset
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
Audio jacks	Microphone (3.5 mm) / speaker out (3.5 mm) / line in (3.5mm) / no int microphone
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)

OPERATING SYSTEM PRELOAD[14, 27]

Windows 98 models
- Microsoft® Windows® 98 Second Edition[13]
- ✧ Disk-to-Disk Recovery (in hidden Service Partition)

Windows 2000 models
- Windows 2000 Professional
- ✧ Disk-to-Disk Recovery to Windows 2000 or Windows NT 4.0 (in hidden Service Partition)

ADDITIONAL PRELOADED SOFTWARE

Common to all models
- ThinkPad Utilities
- ThinkPad Assistant™
- ConfigSafe®
- IBM Update Connector™,[15]
- Easy Keys Utility
- Access ThinkPad II
- PC-Doctor
- Lotus® SmartSuite® Millennium and Lotus Notes® Client 5.0 license

The right bay (Ultrabay 2000) supports the following:
- standard or optional CD-ROM
- optional DVD drive
- optional Zip drive
- optional SuperDisk drive
- optional CD-RW
- optional HDD adapter; for second disk
- optional ThinkPad Proven™ solutions[16] (such as Travel Bezel)
- no support for battery on the A22e 2655
- optional diskette

64MB SO DIMM 100MHz NP SDRAM	20L0254
128MB SO DIMM 100MHz NP SDRAM	20L0255
256MB SO DIMM 100MHz NP SDRAM	33L3069
ThinkPad Removable Diskette Drive	08K9603
SuperDisk (LS-240) UltraBay 2000 Drive	08K9616
Zip 250MB Ultrabay 2000 Drive	00N8253
24X-10X CD-ROM Ultrabay 2000 Drive	05K9233
8X/4X/24X CD-RW Ultrabay 2000 Drive	08K9569
8X-2X DVD Ultrabay 2000 Drive	27L3448
CD-RW/DVD Combo Ultrabay 2000 Drive	08K9572
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

USB Portable Diskette Drive	05K9276
ThinkPad NiMH Battery (2655)*	02K6742
* supported only on Celeron-based models	
ThinkPad Li-Ion Battery (2655), 6 cell	02K6743
ThinkPad 72W AC Adapter	02K6699
Multiple Li-Ion/NiMH Battery Charger	02K6719
ThinkPad Port Replicator	02K8667
ThinkPad Monitor Stand 2001	22P5265
Portable Drive Bay 2000	19K4480
IBM IEEE 1394 CardBus Card	19K5679
10/100 Enet /56K Mini PCI (3Com)	09N9774
Intel Pro/100 SP Mini PCI	06P3801
ServicePac® 3yr IOR 9x5 NBD	30L9195
ServicePac 3yr P&L P/U Depot	30L9192

PC 99-compliant
PXE 2.0-compliant
Wired for Management (WfM) 2.0
Local and remote asset management via the IBM Universal Manageability solutions
IBM PC Lifecycle Care[21] provides proactive life cycle management and transition planning tools
Setup Guide, User's Reference, Windows manual
Personalized Web-based support
International Warranty Service[17]
24 hour x 7 day[18] toll-free hardware support during the warranty