Type-model	Processor	Speed GHz	Memory	Screen	Disk GB ⁸	Optical	Mini PCI Comm Bay wireless	CDC modem	Ethernet on S planar	Securit chip	ty (Vorkhorse (or Global (0 or Entry (E	G) Avail
2684-H6U 2684-H8U 2684-H4U	Celeron® Celeron Celeron	2.0 2.0 2.0	128MB 128MB 128MB	14.1" XGA 14.1" XGA 14.1" XGA	20GB 20GB 30GB	CD CD Combo	None None None	Modem Modem Modem	10/100 10/100 10/100	No	Windows XP Pro Windows XP Home Windows XP Home		Oct 2003 Oct 2003 Oct 2003

Positioning Processor L2 cache Memory		DMHz system bus	SOFTWARE ¹⁴ Windows XP Home models - Microsoft® Windows® XP Home Edition ²⁰					
Diskette drive CD Combo Ultrabay™ 2000 Disk	None standard / use optional USB-bas Some: CD-ROM/24X-10X ⁹ speed / fi Some: Combo / 24X/10X/24X/8X ²¹ sp None 20 or 30GB ⁸ , 4200 rpm, 9.5mm, S.M.A. 9.5mm high bay							
Display	14.1" (358.1mm) XGA (1024x768) TF1 easy-open cover to unlatch and open w	rith one hand (two latches)	(in hidden protected area) Preloaded (all)					
Graphics - external	ATI® RADEON™ IGP 330M / integrate External monitor support via analog DB	d in northbridge / 16MB DDR-SDRAM 3-15 connector / up to 1600x1200 at 85Hz / DD0	Access IBM Access Connections Adobe Acrobat Reader					
Keyboard TrackPoint® Touch pad ThinkLight™	87-key / Access IBM button / palm res TrackPoint pointing device, "Press-to-5 soft dome TrackPoint cap / ships with No UltraNav™ multi-pointing system None) IPM Panid PastaraTM PC						
Dimensions ³ Approximate weight ² Case material		12.3 x 10.0 x 1.53" / 313mm x 254mm x 38.9mm with optical drive and battery: <i>H6U/H8U</i> : 5.9 lb (2.67kg); <i>H4U</i> : 6.0 lb (2.72kg)						
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell / intelligent Up to 2.1 hrs	Lithium Ion 6-cell / intelligent						
Architecture	ATI RADEON IGP 330M chipset / IGF graphics controller, PCI bus) / ALi® M1: Low Pin Count [LPC] interface, USB, p PCI1510 CardBus controller) / LPC bu	Software Delivery Assistant System Migration Assistant License (CD not included) Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client						
Port replicator Docking station PC Card Std slots Ports	No port replicator support No docking station support One Type II or one Type III / CardBus: Two USB (Version 1.1) / parallel / exte RJ-45 (ethernet) / no keyboard or mou	rnal monitor (DB-15) / RJ-11 (modem) /	Universal 72 watt AC adapter PC 2001 and PXE 2.0-compliant					
Video out IEEE 1394 Wireless antenna Mini PCI CDC Modem Ethernet	56K V.90 (V.92-designed) modern in	/) CDC) socket (used by modem) / not accessible	cupport during the warranty ¹²					
Audio support Security Security chip	Soft audio / ICH AC97 controller / Dire- mono speakers / 1 watt / volume up, do microphone input jack (3.5 mm; mono)	ctSound® support / AD1981B AC97 codec /	ServicePac®, 22 1yr IOR 9x5 NBD 30L9188					
Limited warranty ¹² Service options	1 year - EasyServ ^{TM,19} onsite pickup an Service upgrades ²² provide up to five y coverage from date of ThinkPad purch	rears of onsite or depot repair service	30L9195 ServicePac 4 yr IOR 9x5 NBD 30L9194 ServicePac 5 yr IOR 9x5 NBD					
256 MB PC2100 D 512 MB PC2100 D 30GB Hard Disk 9 40GB HS Hard Dis IBM 4GB Microdri IBM 128MB USB IBM 256MB USB IBM USB Portable IBM USB Portable IBM USB 2.0 Port IBM USB Serial P: GemPC400 Smar	sk 9.5mm (5400 rpm) 08K9816 IE 09N4280 TI 09N4280	30L9196 ServicePac 2 yr P&L P/U Depot 30L9191 ServicePac 3 yr P&L P/U Depot 30L9192 ServicePac 3 yr P&L P/U Depot 69P9195 ServicePac 5 yr P&L P/U Depot 69P9197 Other ServicePac options at ibm.com/services/its/us/source/ wamomxeu.pdf Post-warranty annual maintenance agreements at ibm.com/services/its/us/source/						
		ther options at ibm.com/pc/us/accessories	maspspleu.pdf					

Type-model	Processor	Speed GHz	Memory	Screen	Disk GB ⁸	Optical	Mini PCI Comm Bay wireless	CDC modem	Ethernet on S planar	Securit chip		Vorkhorse (or Global (0 or Entry (E	3) Avail
2684-KJU	Celeron®	2.2	128MB	14.1" XGA	20GB	CD	None	Modem	10/100	No	Windows XP Hom	e Entry	Apr 2004
2684-KAU	Celeron	2.2	256MB	14.1" XGA	30GB	Combo	None	Modem	10/100		Windows XP Pro	No	Apr 2004
2684-KNU	Celeron	2.2	256MB	14.1" XGA	20GB	CD	None	Modem	10/100		Windows XP Pro	No	Apr 2004

Positioning Processor L2 cache Memory	Mainstream performance and features; two-spindle system Mobile Intel® Celeron 2.2GHz with 400MHz system bus 256KB / on die (at processor speed) / ECC 128MB or 256MB std / 1GB max² / PC2100 266MHz DDR1 / non-parity / CL2.5 / two 200-pin SO-DIMM sockets / std memory in one socket / one socket avail	SOFTWARE ¹⁴ Windows XP Home models - Microsoft® Windows® XP Home Edition ²⁰
Diskette drive CD Combo Ultrabay™ 2000 Disk	None standard / use optional USB-based diskette drive Some: CD-ROM / 24X-10X° speed / fixed, not removable Some: Combo / 24X/10X/24X/8X²¹ speed / fixed, not removable None 20 or 30GB³, 4200 rpm, 9.5mm, S.M.A.R.T. / removable and upgradable / 9.5mm high bay	 Disk-to-Disk Recovery (in hidden protected area) Windows XP Pro models Microsoft Windows XP Professional²⁰ Disk-to-Disk Recovery
Display	14.1" (358.1mm) XGA (1024x768) TFT color / Active Matrix / 150 nits / easy-open cover to unlatch and open with one hand (two latches)	(in hidden protected area) Preloaded (all)
	ATI® RADEON™ IGP 330M / integrated in northbridge / 16MB DDR1 (DDR-SDRAM) External monitor support via analog DB-15 connector / up to 1600x1200 at 85Hz / DDC2B	Access IBMAccess Connections
Keyboard TrackPoint® Touch pad ThinkLight™	87-key / Access IBM button / palm rest / pitch: 19mm; stroke: 2.7mm (std-size keys) TrackPointpointing device, "Press-to-Select," Internet Scroll Bar¹³, magnifying glass / soft dome TrackPoint cap / ships with classic dome and soft rim TrackPoint cap No UltraNav™ multi-pointing system None	 Adobe Acrobat Reader IBM Rapid Restore™ PC IBM RecordNOW and Drive Letter Access powered by Sonic products (combo model) InterVideo WinDVD (combo model)
Dimensions ³ Approximate weight ² Case material	12.3 x 10.0 x 1.53" / 313mm x 254mm x 38.9mm with optical drive and battery: <i>KJU/KNU:</i> 5.9 lb (2.67kg); <i>KAU:</i> 6.0 lb (2.72kg) <i>Color:</i> black; <i>All:</i> Acrylonitrile-Butadiene-Styrene (ABS) plastic	Norton® AntiVirus (OEM edition) PC-Doctor™ ThinkPad Utilities IBM Update Connector™.15
Battery - type Battery - life ¹⁰	Lithium Ion 6-cell / intelligent Up to 2.1 hrs	Downloadable • IBM Director Agent
Port replicator Docking station PC Card Std slots Ports	ATI RADEON IGP 330M chipset / IGP 330M northbridge (memory controller, graphics controller, PCI bus) / ALi® M1535+ southbridge (ATA-100 EIDE, Low Pin Count [LPC] interface, USB, parallel, audio) / PCI 2.1, 32-bit 33MHz (TI® PCI1510 CardBus controller) / LPC bus 33MHz (PC87392 Super I/O for parallel) No port replicator support No docking station support One Type II or one Type III / CardBus 32-bit / PCMCIA 2.1 / integrated door Two USB (Version 1.1) / parallel / external monitor (DB-15) / RJ-11 (modem) /	Software Delivery Assistant System Migration Assistant License (CD not included) Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client Universal 72 watt AC adapter PC 2001 and PXE 2.0-compliant
Video out IEEE 1394 Wireless antenna Mini PCI CDC Modem Ethernet Audio support Security Security chip	None None None / Card upgrade to wireless via optional PC Cards No Mini PCI slot (Communications Bay) One Communications Daughter Card (CDC) socket (used by modem) / not accessible 56K° V.90 (V.92-designed²) modem in CDC / Agere® chipset 10/100 ethernet on planar / Broadcom® BCM5901 (PHY/MAC) / PXE / Wake on LAN® Soft audio / ICH AC97 controller / DirectSound® support / AD1981B AC97 codec / mono speakers / 1 watt / volume up, down, mute buttons / internal mic / microphone input jack (3.5 mm; mono) / headphone jack (3.5 mm; stereo) / no line-in jack Power-on password / hard disk password / supervisor password / security keyhole None	ACPI 1.0b and 2.0-compliant CIM and DMI 2.0-compliant IBM Rapid Restore PC available to protect software image and data International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹² ServicePac ^{®, 22} 1yr IOR 9x5 NBD 30L9188
Limited warranty ¹² Service options	1 year - EasyServ ^{TM,19} onsite pickup and delivery courier service Service upgrades ²² provide up to five years of onsite or depot repair service coverage from date of ThinkPad purchase (including warranty period)	30L9195 ServicePac 4 yr IOR 9x5 NBD 30L9194 ServicePac 5 yr IOR 9x5 NBD
256 MB PC2100 E 512 MB PC2100 E 30GB Hard Disk 9 40GB HS Hard Dis IBM 4GB Microdris IBM 256MB USB 3 IBM USB Portable IBM USB Portable IBM USB 2.0 Port IBM USB Serial Pa GemPC400 Smar Kensington® Micro	sk 9.5mm (5400 rpm) 08K9816 IBM USB Keyboard with UltraNav 31P8950 ve™ with PC Card 09N4280 ThinkPad Monitor Stand 2001 22P5265 2.0 Memory Key 22P9229 IBM 11a/b/g Wireless CardBus Adapter 31P9101 2.0 Memory Key 22P9025 IBM M400 Projector 0037A04 ab Diskette Drive 05K9276 IBM E400 Projector 0038A04 able CD-ROM 33L5151 IBM C400 Projector 0039A04 able Combo Drive 22P9194 IBM Optical 3-Button Travel Wheel Mouse 31P7410	30L9196 ServicePac 2 yr P&L P/U Depot 30L9191 ServicePac 3 yr P&L P/U Depot 30L9192 ServicePac 4 yr P&L P/U Depot 69P9195 ServicePac 5 yr P&L P/U Depot 69P9197 Other ServicePac options at ibm.com/services/its/us/source/ wamomxeu.pdf Post-warranty annual maintenance agreements at ibm.com/services/its/us/source/ maspspleu.pdf

							Mir: DO		E4h a 1			\A/ '	.h.a.r ^	A/\	
Type-model P	rocessor	Speed GHz	Memory	Screen	Disk GB ⁸	Optical	Mini PCI Comm Bay wireless	CDC modem	Ethernet on planar	Securi chip		or G	khorse (\ Blobal (G Entry (E)	i) Avail	
2684-HYU (schools o These mo	rganize odels for	d and opera education	ated exclusiv are for sale	ad R40 ely for direct fr	e noteb educati om IBN		s for usé by n Authorize	qualified s d Educatio	studen on Res	Windows XP F Windows XP F K-12 (or higher ts and/or teacher eller.	ro accı	No O	lar 2003 oct 2003	
Positioning Processor L2 cache Memory Diskette drive CD Ultrabay™ 200 Disk Display Graphics contr Graphics - exte Keyboard TrackPoint® Touch pad ThinkLight™ Dimensions³ Approximate we Case material Battery - type Battery - life¹⁰ Architecture Port replicator Docking station PC Card Std s Ports Video out	Mo 256 122 100	bille Inte 6KB / on 6KB / on 6KB / on 6KB / on 6KB / on 7KB	el® Celeron die (at prov die (at prov 1 (at gar) 1 (at gar) 2 (at prov 1 (at gar) 2 (at prov 3 (at prov 3 (at prov 4 (at prov 4 (at prov 4 (at prov 6 (at	cessor speed: 7 / PC2100 2 I sockets / st ptional USB speed / fixed mm, S.M.A.F. (1024x768) latch and op 330M / integ ort via analog outton / palm evice, "Press cap / ships v binting syste 3mm x 254m blonitrile-Buta elligent DM chipset outton / palm controller) / LPC outton per ll / Carde) / parallel / Carde	Hz withd) / ECC 2066MH: d mem -based h, not re t.T. / re TT continued in the continued in t	400MHC 2 DDR-5 ory in o diskette movable movable blor / Ad one har n northb 5 connec bitch: 15 ect," Int ssic dor 3.9mm g) Styrene 30M north ble, au 3MHz (Izsýstem bus SDRAM / non- ne socket / or e drive e and upgrada tive Matrix / 1 nd (two latches	mory control 100 EIDE, 32-bit 33Mi per I/O for pare	AM B5Hz / DDC size keys fying glass nt cap	F F • • • • • • • • • • • • • • • • • •	SOFTWARE ¹⁴ Windows XP Pro models - Microsoft Windows XP Professional ²⁰ ⇒ Disk-to-Disk Recovery (in hidden protected area) Preloaded • Access IBM • Access Connections • Adobe Acrobat Reader • IBM Rapid Restore™ PC • Norton® AntiVirus (OEM edition)				
IEEE 1394 Wireless anter Mini PCI 11b Wi-Fi³² CDC Modem Ethernet Audio support Security Security chip Limited warran Service option:	No Ult On 111 On 568 10/ So mo mic Po' No nty12 1 y s Se	ne raConne e Mini P b Wi-Fi ³⁴ e Comm K ⁶ V.90 (100 ethe ft audio no spea crophon wer-on p ne ear - Ea rvice up	CI type III s wireless4, unications v.92-desig ernet on pla / ICH AC97 kers / 1 wa e input jack password / syServ ^{TM,19} grades ²² pr	slot (Commu Mini PCI, Interpretation PCI, Inte	nication ersil® P ard (CD m in CE com® E DirectS p, down ono) / h ssworc p and d ive yea	ns Bay) rism 2.5 C) sock DC / Age BCM590 Sound® s n, mute neadpho I / super lelivery o	et (used by mo	ogradable odem) / not / PXE / Wa 981B AC97 rnal mic / nm; stereo) / rd / security	accessible ke on LAN codec / / no line in / keyhole	pn FACO	Universal 72 was PC 2001 and PX ACPI 1.0b and 2 CIM and DMI 2.0 BM Rapid Restorational Was Acpi and ternational Was a hour x 7 day support during ServicePac 2 yr ServicePac 3 yr ServicePac 4 yr ServicePac 4 yr ServicePac 4 yr	E 2.0 0-co 0-com- ore Pore re im- re im- re im- the value of the	D-compliant inpliant inpliant inpliant in a care and age and age and y Service harwarranty in a	ant able to I data e ¹⁷ dware I ¹² NBD 0L9188 0 0L9189 0 0L9195	
128 MB PC21 256 MB PC21 512 MB PC21 30 GB Hard D 40 GB HS Hai IBM 4GB Mic IBM 128 MB L IBM USB Por IBM USB Por IBM USB 2.0 Portable 40 G IBM USB Ser GemPC400 S IBM Turbo 16 Ericsson® GC	100 DDR: 100 DDR: 100 DDR: 10sk 9.5mi rd Disk 9. USB 2.0 I USB 2.0 I rtable Dis rtable CD I Portable Reside USB 2 rial Parall Smart Ca 6/4 Toker	-SDRAN -SDRAN m (4200 .5mm (5 ' with PC Memory Memory skette DI D-ROM e CD-RW .0 with F lel Adap rd Read	M CL2.5 SC M CL2.5 SC rpm) 400 rpm) C Card Key Key rive J Drive Rapid Restoter er/Writer C Card 2	D 10K0030 0D 10K0032 09N4268 08K9816 09N4280 22P9029 22P9025 05K9276 33L5151 22P5297 ore 09N4255 22P5298 31P8901 34L1401	Mult Thin Thin IBM Thin IBM IBM IBM IBM IBM Vylo Leat	iple MulkPad 72 kPad 72 kPad 72 USB KekPad M 11a/b/g H Rate iLM300 iLV200 Optical 3 Optical 3 Optical 3 n Carry her Car	40e Li-Ion Bat tiple Battery C EW AC Adapte EW AC/DC Co eyboard with L onitor Stand 2 Wireless Car Wireless LAN MicroPortable Value Data/Vi Conference F 3-Button Trave 3-Button Scroll ing Case rying Case is at ibm.com	Charger II er mbo Adapt UltraNav 1001 dBus Adapt I PC Card 1 e Projector ideo Project Room Projec I Wheel Mous	22P90 02K66 er 22P90 31P89 22P52 ter 31P91 28 09N99 0037A tor 0038A tor 0038A tor 0039A use 31P74 se 31P74 10K02 10K02	118	ServicePac 5 yr ServicePac 2 yr ServicePac 3 yr ServicePac 4 yr ServicePac 5 yr Other ServicePa ibm.com/ser wamomxeu.p Post-warranty ar agreements at ibm.com/ser maspspleu.pc	P&L P&L P&L I c opti rices, df nnual	P/U Dep BP/U Dep BP/U Dep 6 BP/U Dep 6 Bons at Cits/us/si mainter	0 0L9196 pot 0L9191 pot 0L9192 pot 9P9195 pot 9P9197 ource/ nance	

			Mini PCI		et IEEE Security Workhorse (W)				
Type-model Proce	Speed ssor GHz Memory Screen	Graphics Disk memory GB ⁸ Optica	Comm Bay I wireless	CDC on modem planar	1394 Chip or Global (G) Avail port Preload or Entry (E) date				
2681-DBU Pentiur 2681-FU Pentiur 2681-FU Pentiur 2681-FCU Pentiur 2681-GMU Pentiur 2681-GHU Pentiur 2681-K3U Pentiur 2681-L7U Pentiur	1.6 128MB 14.1" XG 1.6 128MB 15.0" XG 1.6 128MB 15.0" XG 1.6 128MB 15.0" XG 1.7 128MB 15.	A 16MB 20G Combo A 16MB 20G CD A 16MB 20G DVD A 16MB 20G DVD A 16MB 20G DVD A 16MB 20G DVD A 16MB 40G Combo A 16MB 40G COmbo A 32MB 40G DVD A 32MB 40G DVD	Open; wireless upg Open; wireless upg 11a/bWi-Fi Open; wireless upg Open; wireless upg Open; wireless upg 11bWi-Fi ³² Open; wireless upg Open; wireless upg Open; wireless upg Open; wireless upg	Modem 10/100 Modem 10/100 Modem 10/100 Modem 10/100 Modem 10/100 Modem 10/100 Modem 10/100 Modem 10/100 Modem 10/100 Modem 10/100	0 1394 XP Pro Jan 2003 1 1394 XP Pro Jan 2003 1 1394 XP Pro E Jan 2003 XP Pro Jan 2003 XP Pro Jan 2003 XP Pro Jan 2003 Yes XP Pro W Jan 2003 XP Pro Jan 2003 XP Pro Jan 2003 XP Pro Jan 2003				
Positioning Processor	Mobile Intel® Celeron 1.60	Hz with 400MHz frontsi	de bus or		SOFTWARE ¹⁴ Windows XP Pro models				
L2 cache Memory	Mobile Intel Pentium 4 Pro enhanced Intel SpeedStep Celeron: 256KB; Pentium 4 128 or 256MB std / 1GB ma two 200-pin SO-DIMM soci	[™] technology¹ and 400N - <i>M:</i> 512KB ; <i>All:</i> on die (ax² / PC2100 266MHz [MHz frontside bus at processor speed) / E DDR-SDRAM / non-pa	rity / CL2.5 /	- Microsoft® Windows® XP Professional® Disk-to-Disk Recovery (in hidden protected area)				
Diskette drive CD DVD Combo Ultrabay 2000 Disk Display	None standard / use option Some: CD-ROM / 24X-10. Some: DVD-ROM / BX-3.3 Some: DVD-ROM/CD-RW One modular bay for intercl 20GBs, 40GB, or 60GB, 42 9.5mm high bay / supports 3 Some: 13.3" (337.8mm) XG Some: 14.1" (358.1mm) XG Some: 15.0" (381mm) XG Some: 15.0" (381mm) SXG All: Easy-open cover to	X° speed / bootable / rei X° speed / bootable / re // 24X/10X/24X/8X ²¹ sp nangeable devices / Ult 50 rpm, 9.5mm, S.M.A.F. 2nd disk with optional HI 5A (1024x768) TFT color 6 (1024x768) TFT color	movable from Ultrabay emovable from Ultrabay peed / removable from i rabay Plus-compatible R.T. / removable and up DD Adapter in Ultrabay or / Active Matrix / 150 ro / Active Matrix / 150 nit olor / Active Matrix / 15	2000 y 2000 Ultrabay 2000 /12.7 mm high ogradable / 2000 hits / hits /	Preloaded Access IBM Adobe Acrobat Reader IBM Rapid Restore™ PC IBM RecordNOW and DLA by Veritas (combo models) InterVideo WinDVD (DVD models) Norton AntiVirus (OEM edition) PC-Doctor™ ThinkPad Utilities IBM Update Connector™ Downloadable				
Graphics controller	Some: ATI® Mobility™ RA Some: ATI Mobility RADE	DEON™ / AGP 4X / 16ľ	MB DDR-SDRAM		IBM Director Agent Software Delivery Assistant				
Keyboard TrackPoint® Touch pad ThinkLight™	External monitor support via 87-key / Access IBM buttor TrackPoint® pointing device UltraNav™ multi-pointing sulluminates the keyboard to	n / palm rest / pitch: 19n e, "Press-to-Select," Inte stem / touch pad below improve visibility in low	nm; stroke: 2.7mm (sto ernet Scroll Bar ¹³ , magi v keyboard / Tap Zones -light conditions	l-size keys) nifying glass	System Migration Assistant Client Security Software (models with security chip) License (CD not included) Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client				
Case material Battery - type Battery - life ¹⁰ Architecture	13.3/14.1" models: 12.3" x with optical drive and batter Color: Black; All: ABS plas Lithium Ion 8-cell / intellige; 13.3"models: 3.8 hrs; 14.1 Intel 845MP chipset / 8284 82801DBM ICH4-M I/O Co Low Pin Count (LPC) interf PCI1510 CardBus controlle LPC bus 33MHz (security Cone Type II, on Type II, on Type II, on Two USB (Version 2.0) / pa RJ-11 (modem) / RJ-45 (et	y: 13.3" models: 6.2 lb; tic nt / supports unique 2nd r models: 3.8 to 4.0 hrs; 5MP Memory Controlle ntroller Hub (ATA-100 Eace, USB, Firmware Hur, TSB43AB21 1394 (so hip; PC87392 Super I/C one Type III / CardBus rallel / external monitor	battery in Ultrabay 2000 15.0" models: 3.4 to 3. r Hub (MCH-M) / EIDE, PCI bus, etherne ub) / PCI bus 2.2 32-bit, me), Mini PCI, external / O for diskette, parallel, 32-bit / PCMCIA 2.1 / t (DB-15) / infrared (4M	t MAC, 33MHz (TI® expansion) / infrared) integrated door	Universal 72 watt AC adapter Asset ID (system-specific info in chip accessed over network) PC 2001 and PXE 2.0-compliant ACPI 1.0b and 2.0-compliant CIM and DMI 2.0-compliant IBM Rapid Restore PC available to protect software image and data International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free hardware				
Video out IEEE 1394 Mini PCI 11a/b Wi-Fi ²⁷	S-video out port (TV out) / c Some: IEEE 1394 (FireWir One Mini PCI type III slot (C Some: 11a/b Wi-Fi ²⁷ wirele	e) port / 4-pin connecto Communications Bay) /	r customer upgradable AR5001X chipset, Ultra	aConnect™	support during the warranty ¹² ServicePac®. ²² 1yr IOR 9x5 NBD 30L9188 ServicePac 3 yr IOR 9x5 NBD				
Wireless upg ³⁶ 11b Wi-Fi ³²	Some: UltraConnect™ ante Some: 11b Wi-Fi ³² wireless	nna built in both sides o a ⁴ , Mini PCI, Intersil® Pris	of display for wireless M sm 2.5 chipset, UltraCo	ini PCI options nnect™	30L9195 ServicePac 3yr P&L P/U Depot 30L9192				
CDC Modem Ethernet Audio support	One Communications Daug	signed ²⁹) modem in CD0 oard / Intel 82562EZ ch roller / DirectSound® su	t (used by modem) / not C / Agere® chipset ip (physical layer) ipport / AD1891A AC97		ServicePac 5yr P&L P/U Depot 69P9197 Other ServicePac options at ibm.com/services/its/us/source/ wamomxeu.pdf				
Security	microphone input jack (3.5 Power-on password / hard Some: IBM Embedded Se authentication / local file en	mm) / headphone jack disk password / superv curity Subsystem 2.0	(3.5 mm) / no line in jac isor password / securit ³³ / hardware key stora	y keyhole ge / multi-factor	IBM 1GB Microdrive™ 07N5574 Cisco Aironet Wirless 802.11b Mini PCI 31P8301 IBM 11a/b/g Wireless Mini PCI				
128MB PC2100 D 256MB PC2100 D 512MB PC2100 D Ultralight 8X Max CD-RW/DVD Cor Second HDD Ada ThinkPad Remova IBM USB Portable	nbo IV Ultrabay 2000 25 oter for Ultrabay 2000 05 able Diskette Drive 05	DK0028 40GB HS Har DK0030 Optical 3-Butt DK0032 ThinkPad R33 P2P9102 Ultrabay 2000 PF6991 ThinkPad Mul BK6068 IBM USB Key	d Disk 9.5mm (5400 rp. ton Travel Wheel Mous 2/R40 Series Li-Ion Bat 0 Li-Ion battery ltiple Battery Charger II board with UltraNav Portable CD-RW Drive	om) 08K9816 e 31P7410 tery 02K7052 02K6646 22P9040 31P8950	Adapter 31P9701 IBM 11a/b/g Wireless CardBus Adapter 31P9101 ThinkPad 72W AC Adapter 02K6699 ThinkPad Port Replicator II 74P6733 ThinkPad Mini Dock 287810U Optical 3-Button Travel Wheel Mouse 31P7410 Other options at ibm.com/pc/us/ accessories				

Type-model Proce	Speed essor GHz Memory Screet	Graphics Dis		Mini PCI Comm Bay wireless	CDC modem	on	t IEEE Secu 1394 chi port	p o		se (W) al (G) Avail y (E) date		
2681-4GU Celeror 2681-5AU Celeror 2681-59U Celeror 2681-69U Celeror 2681-7FU Celeror	n 1.8 256MB 15.0" XC n 1.8 128MB 15.0" XC n 2.0 128MB 14.1" XC	A 16MB 30 A 16MB 30 A 16MB 30	G Combo G DVD G Combo	Open; wireless upg Open; wireless upg Open; wireless upg Open; wireless upg Open; wireless upg	Modem Modem Modem	10/100 10/100 10/100		XP Pro XP Pro XP Pro	No No No	May 2003 May 2003 May 2003 Oct 2003 Oct 2003		
Positioning Processor L2 cache Memory	Mainstream performance at Mobile Intel® Celeron 1.8 256KB / on die (at process 128 or 256MB std / 1GB m two 200-pin SO-DIMM soo	.5 /	SOFTWARE ¹⁴ Windows XP Pro models - Microsoft® Windows® XP Professional ²⁰									
Diskette drive CD DVD Combo Ultrabay 2000 Disk Display	None standard / use optior Some: CD-ROM / 24X-10. Some: DVD-ROM / BX-3.3 Some: DVD-ROM/CD-RW One modular bay for interc 20 or 30GB ⁸ , 4200 rpm, 9.5 9.5mm high bay / supports Some: 14.1" (358.1mm) X	(° speed / boo X° speed / boo / / 24X/10X/24 hangeable de mm, S.M.A.R. 2nd disk with o GA (1024x768	table / remotable / remotable / rer X/8X ²¹ spevices / Ultr T. / remov potional HE B) TFT colo	ovable from Ultrabay novable from Ultrabay ted / removable from U abay Plus-compatible able and upgradable / D Adapter in Ultrabay or / Active Matrix / 150	2000 / 2000 Jltrabay 2 /12.7 mm 2000 nits							
	Some: 15.0" (381mm) XG. All: easy-open cover to ATI® Mobility™ RADEON External monitor support vi 87-key / Access IBM butto TrackPoint® pointing device UltraNav™ multi-pointing s Illuminates the keyboard to	unlatch and o M / AGP 4X / 1 a analog DB-1 n / palm rest / e, "Press-to-S ystem / touch	pen with or I6MB DDF 5 connector pitch: 19m elect," Inte pad below	ne hand (two latches) R-SDRAM or / up to 1600x1200 at m; stroke: 2.7mm (stournet Scroll Bar ¹³ , maging keyboard / Tap Zones	85Hz / DI d-size key	/s)						
Dimensions ³ Approximate weight ² Case material Battery - type Battery - life ¹⁰	14.1" models: 12.3" x 10" x 15.0" models: 13" x 10.5" x with optical drive and batte Color: black; All: Acryloni Lithium Ion 8-cell / intellige 3.95 hrs	1.6"; 329mm) ry: <i>14.1" mode</i> <i>15.0" mode</i> rile-Butadiene	(267.5mm els: 6.1 lb (els: 6.6 to 6 e-Styrene (x 40.5mm 2.77kg); 5.7 lb (2.99 to 3.04kg) ABS) plastic	0		 System N Client Se with secu License (C Lotus® Sr 	ligration A curity Soft rity chip) D not inclu	ssistai ware (i ided) Millen	nt models inium and		
Architecture PC Card Std slots Ports	Intel 845MP chipset / 8284 82801DBM ICH4-M I/O Co Low Pin Count (LPC) inter PCI1510 CardBus controlle LPC bus 33MHz (security of One Type I, one Type II, on Two USB (Version 2.0) / pi RJ-11 (modem) / RJ-45 (et	ntroller Hub (/ ace, USB, Fir er, TSB43AB2° chip; PC87392 one Type III / arallel / extern	ATA-100 E mware Hu 1 1394 (son 2 Super I/C CardBus (al monitor	IDE, PCI bus, etherne b) / PCI bus 2.2 32-bit, ne), Mini PCI, external / for diskette, parallel, 32-bit / PCMCIA 2.1 / (DB-15) / infrared (4M	33MHz (expansion infrared) integrate	n) /	Universal 7	'2 watt AC	adapt	er		
Video out IEEE 1394 Wireless antenna Mini PCI Wireless upg ³⁶ CDC Modem Ethernet Audio support Security Security chip	S-video out port (TV out) / IEEE 1394 (FireWire) port UltraConnect™ Antenna but One Mini PCI type III slot (Wireless upgradable with w One Communications Daug 56K° V.90 (V.92-designed² 10/100 ethernet on mothert Soft audio / ICH AC97 constereo speakers / 1 watt / w microphone input jack (3.5 Power-on password / hard None	one 4-pin indu / 4-pin connec ilt into the disp Communication ireless Mini Pt phter Card (CE) modem in C oard / Intel 82 roller / Direct olume up, do mm) / headph	stry standa tor lay cover forms Bay) / o Cl options OC) socket DC / Agere 562EZ chig Sound® sup wn, mute b	ard connector or optimal wireless signustomer upgradable (used by modem) / no chipset o (physical layer) oport / AD1891A AC9 uttons / internal mic / 3.5 mm) / no line in jac	t accessil 7 codec /	ole	Universal 72 watt AC adapter Asset ID (system-specific info in chip accessed over network) PC 2001 and PXE 2.0-compliant ACPI 1.0b and 2.0-compliant CIM and DMI 2.0-compliant IBM Rapid Restore PC available to protect software image and data International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free hardware support during the warranty ¹² ServicePac ^{®, 22} 1yr IOR 9x5 NBD 30L9188					
Limited warranty ¹² 128 MB PC2100 E 256 MB PC2100 E 512 MB PC2100 E CD-RW/DVD Cor Ultralight 8X Max 24X-10X CD-ROM Second HDD Ada ThinkPad Multi-Bi ThinkPad Slim Dr ThinkPad Remov. IBM USB 2.0 Port IBM USB 2.0 Port IBM USB 2.0 Port IBM USB Serial P IBM Optical 3-Butt IBM Optical 3-Butt IBM iLM300 Micro IBM iLM300 Value	DVD Ultrabay 2000 M Ultrabay 2000 Drive pter for Ultrabay 2000 Drive 2 ive Adpr for Ultrabay 2000 able Diskette Drive be Diskette Drive cable CD-RW Drive cable CD-RW Drive cable 40GB Hard Disk arallel Adapter on Travel Wheel Mouse on ScrollPoint® Mouse be Data/Video Projector cerence Room Projector	0K0028 Thin 0K0030 Ultr 0K0030 Thin 0K0032 Thin 2P6991 300 2P9102 400 5K9233 800 2P7015 IBM 2P7515 IBM 2P4557 IBM 8K9603 Ciss 5K9276 IBM 9N4255 Thin 2P5298 Thin 1P7410 Ger 1P7405 IBM 037A03 Thin 038A03 Thin	abay 2000 akPad R32 abay 2000 akPad Mult aB Hard Dia B HS Hard Dia I 1GB Micra I 64MB US I 256MB U co Aironet I 11a/b/g W akPad 72W akPad 72W akPad Ultra akPad Mini akPad Mini	/R40 Series Li-Ion Ba Li-Ion battery iple Battery Charger I sk 9.5mm (4200rpm) d Disk 9.5mm (5400 rpm) odrive™ with PC Card B 2.0 Memory Key SB 2.0 Memory Key Wireless 802.11b Min /ireless CardBus Adap /ireless CardBus Adap / AC/DC Combo Adap mart Card Reader/Wri obard with UltraNav abay Plus Numeric Ke	ttery 02h 02h 09h 09h 08h 08h 07h 22f 22h i PCI 31h oter 32h oter 32h oter 22h oter 32h oter	(6646 P9040 N4268 (9816 (9869 N5574 P9024 P9025 P8301 P9701 (6699 P9010 P8950 P6733 7810U	wamom: Post-warra agreement	a 3 yr IOR s a 4 yr IOR s a 5 yr IOR s a 2 yr P&L a 3 yr P&L a 4 yr P&L a 5 yr P&L a 5 yr P&L a 6 yr P&L a 6 yr P&L a 6 yr P&L a 6 yr P&L a 7 yr P&L a 7 yr P&L a 8 yr P&L a 8 yr P&L a 9 y	9x5 NE 9x5 NE 9x5 NE P/U D P/U D P/U D cions a vits/us.	30L9189 3D 30L9195 3D 30L9194 3D 30L9196 epot 30L9191 epot 69P9195 epot 69P9195 t/source/		

Type-model Proce	Speed ssor GHz Memory		raphics Dis		Mini PCI Comm Bay wireless	CDC modem	Etherner on planar	t IEEE S 1394 port			rkhors Globa	al (Ġ)	Avail
2681-J7U Pentiur 2681-J8U Pentiur 2681-JCU Pentiur	n® 4-M 2.2 128MB 1 n 4-M 2.2 256MB 1 n 4-M 2.2 256MB 1	4.1" XGA	16MB 30 16MB 40 16MB 30	G CD G Combo G DVD	Open; wireless upg ^{3t} Open; wireless upg Open; wireless upg	⁶ Modem Modem Modem	10/100 10/100 10/100	1394	Yes	XP Pro XP Pro XP Pro	E No No	May 2 May 2 May 2	2003 2003 2003
2681-JQU Pentiur 2681-JDU Pentiur 2681-JEU Pentiur	n 4-M 2.2 256MB 1 n 4-M 2.2 256MB 1 n 4-M 2.2 256MB 1 n 4-M 2.2 256MB 1	4.1" XGA	16MB 40 16MB 40 16MB 40	G DVD G Combo G DVD	Cisco® 802.11b 11b Wi-Fi ³² 11a/b Wi-Fi ²⁷ 11a/b Wi-Fi	Modem Modem Modem Modem	10/100 10/100 10/100		Yes Yes Yes	XP Pro XP Pro XP Pro XP Pro	No No No	May 2 May 2 May 2 May 2	2003 2003 2003
2681-KMU Pentiur 2681-JHU Pentiur		15.0" XGA 3 14.1" XGA 3	32MB 40 32MB 60	G DVD G Combo	11a/b Wi-Fi Cisco 802.11b Open; wireless upg Open; wireless upg	Modem	10/100 10/100	1394 1394	Yes Yes	XP Pro	No No	May 2 May 2 May 2 May 2	2003 2003
2681-KLU Pentiur 2681-KPU Pentiur 2681-KQU Pentiur 2681-Q5U Pentiur	n 4-M 2.2 256MB 1 n 4-M 2.2 256MB 1 n 4-M 2.2 256MB 1 n 4-M 2.4 256MB 1 n 4-M 2.4 256MB 1	5.0" XGA 3 5.0" XGA 1 5.0" XGA 1 5.0" SXGA-	32MB 400 16MB 200 16MB 300 + 32M 400	G Combo G DVD G DVD G DVD	Open; wireless upg Open; wireless upg 11a/b Wi-Fi Open; wireless upg	Modem Modem Modem Modem Modem	10/100 10/100 10/100 10/100	1394 1394 1394	Yes Yes Yes	XP Pro XP Pro XP Pro XP Pro	No No No No	May 2 May 2 May 2 May 2 May 2	2003 2003 2003 2003
Positioning Processor	Best blend of portal Mobile Intel® Penti	bility and ess	sential fea	ures; two-s	spindle system	Wodem	10/100	1004		SOFTWA		ividy 2	
L2 cache Memory	enhanced Intel Spe 512KB; All: on die (128 or 256MB std /	edStep™ te at processo 1GB max ⁷ /	chnology r speed) / / PC2100	and 400M ECC 266MHz D			2.5 /	- Micro Profe	soft® ' ssiona to-Dis	k Recove	® XP		
Diskette drive CD DVD Combo Ultrabay 2000	Some: CD-ROM/ Some: DVD-ROM Some: DVD-ROM One modular bay fo	24X-10X ⁹ s / 8X-3.3X ⁹ s /CD-RW / 24 or interchang	peed / boo speed / bo 4X/10X/2 geable de	otable / rem otable / rem IX/8X ²¹ spe vices / Ultr	SB-based diskette dr novable from Ultrabay movable from Ultraba eed / removable from abay Plus-compatible	/ 2000 y 2000 Ultrabay //12.7 mn		• Acce • Adob • IBM F	ded ss IBN e Acro Rapid	obat Read Restore™	der MPC		
Display	9.5mm high bay / su Some: 14.1 " (358.1 Some: 15.0 " (381m	upports 2nd mm) XGA (nm) XGA (10	disk with one of the disk with	ptional HD TFT colo FFT color /	/ removable and upgr D Adapter in Ultrabay r / Active Matrix / 150 nit Active Matrix / 150 nit lor / Active Matrix / 15	nits ts		VeritaInter\Norto	as (co /ideo ' n Anti	dNOW ar mbo mod WinDVD iVirus (OE ™	lels) (DVD	mode	
·	All: Easy-open of Some: ATI® Mobility Some: ATI Mobility	cover to unla ity™ RADEO y RADEON	atch and o ON™ / AG 7500 / AC	pen with or P 4X / 16M SP 4X / 32I	ne hand (two latches) IB DDR-SDRAM MB DDR-SDRAM			PC-Doctor™ ThinkPad Utilities IBM Update Connector™ Downloadable IBM Director Agent					
Keyboard TrackPoint® Touch pad ThinkLight™	87-key / Access IB TrackPoint® pointin	M button / pag device, "Pointing syste	alm rest / Press-to-S m / touch	pitch: 19m elect," Inte pad below	or / up to 1600x1200 at m; stroke: 2.7mm (sto rnet Scroll Bar ¹³ , mag keyboard / Tap Zones light conditions	d-size ke nifying g	ys)	IBM Director Agent Software Delivery Assistant System Migration Assistant Client Security Software (models with security chip)				ls	
Dimensions ³ Approximate weight ² Case material Battery - type	14.1" models: 12.3' with optical drive ar Color: Black; All: A	x 10" x 1.5" nd battery: <i>1</i> crylonitrile-E	;15.0" mo 4.1" mode Butadiene	dels: 13" x els: 6.0 lb; -Styrene (/	10.5" x 1.6" 15.0": 6.7 lb	0		- Lotus Lotus	® Sma Note:	not includantSuite® l s® Stand- watt AC	Millén	Clien	
Battery - life ¹⁰ Architecture	Intel 845MP chipse 82801DBM ICH4-N Low Pin Count (LP PCI1510 CardBus	o 4.0 hrs; 15 et / 82845MF /I I/O Contro C) interface controller, TS	5.0" mode P Memory Iller Hub (/ I, USB, Fir SB43AB2	s: 3.4 to 3. Controller ATA-100 E mware Hul I 1394 (son	6 hrs Hub (MCH-M) / IDE, PCI bus, etherne b) / PCI bus 2.2 32-bit, ne), Mini PCI, external	et MAC, 33MHz (expansio	(TI® on)/	acce PC 200 ACPI 1 CIM an	ssed of 1 and .0b and d DMI	stem-spe over netw PXE 2.0 Id 2.0-cor 2.0-com estore P(<i>r</i> ork) -comp mpliar pliant	oliant nt	
PC Card Std slots Ports	One Type I, one Ty Two USB (Version RJ-11 (modem) / R	pe II, or one 2.0) / parallo J-45 (etherr	e Type III / el / extern net) / no k	CardBus 3 al monitor eyboard or	for diskette, parallel, 32-bit / PCMCIA 2.1 / (DB-15) / infrared (4M mouse or serial port	integrate	ed door	prote Interna 24 houi	ct sof tional x 7 d	tware ima Warranty ay ¹⁸ toll-f ring the v	age ar / Serv ree ha	nd dat ice ¹⁷ ardwa	ta
Video out IEEE 1394 Wireless antenna Mini PCI		(FireWire) p enna built in	ort / 4-pin to the disp	connector lay cover fo		nal recep	otion			^{, 22} 1yr IO 3 yr IOR 9		30L9 3D	9188
Wireless upg ³⁶ 11a/b Wi-Fi ²⁷			Mini PCI,	Atheros™ /	AR5001X chipset, Ultr	aConnec	ct™	Service	Pac 3	Byr P&L F	P/U De	30L9 pot 30L9	
11b Wi-Fi ³²	Some: 11b Wi-Fi ³² antenna bui	wireless ⁴ , M ilt in both sid	lini PCI, İn les of displ	tersil® Pris ay, Wi-Fi-c	m 2.5 chipset, UltraCo ertified					iyr P&L P		pot 69Ps	
Cisco 802.11b	chipset, Ulti One Communication	raConnect™ ons Daughte	antenna br Card (CI	ouilt in both OC) socket	Wireless 802.11b, Pr sides of display, Wi-Fi (used by modem) / no	i-certified		ibm.	com/	ePac opti services/ u.pdf			ce/
Modem Ethernet Audio support	10/100 ethernet on Soft audio / ICH AC	motherboard 197 controlle	d / Intel 82 er / Direct	562EZ chip Sound® sur	/ Agere® chipset o (physical layer) oport / AD1891A AC9 uttons / internal mic /	7 codec		wamomxeu.pdf Cisco Aironet Wirless 802.11b Mini PCI 31P830					
Security	microphone input ja Power-on passwor <i>Some:</i> IBM Embe	ack (3.5 mm d / hard disk dded Secur	n) / headpl < passwor rity Subsy	one jack (i d / supervis r stem 2.0 3	3.5 mm) / no line in ja sor password / securi ³ / hardware key stora es VPN security ¹⁶ / TO	ty keyhol ge / mult	ti- Adapter 31P910					9101	
Limited warranty ¹²			ickup and	delivery / s	ervice upgrades ²² ava	ilable				rt Replica ni Dock		74P6 2878	
128 MB PC2100 DDR-SDRAM CL2.5 SOD 10K0028 40GB HS Hard Disk 9.5mm (5400 rpm) 08K9816 256 MB PC2100 DDR-SDRAM CL2.5 SOD 10K0030 ThinkPad Multiple Battery Charger II 22P9040 02K7052 CD-RW/DVD Combo IV Ultrabay 2000 22P6991 Ultrabay 2000 Li-lon battery 02K6646 accessories 3 Combo IV Ultrabay 2000 08K9816 Second HDD Adapter for 22P9040 Ultrabay 2000 08K6060 00K6060 00								Second Ultra Other o	HDD bay2 ptions	Adapter 000 s at ibm.c	for	08K6	6068

Type-model Proce	Speed ssor GHz Memory Screen	Graphics Disk memory GB ⁸ Optica	Mini PCI Comm Bay Il wireless	Ethern CDC on modem plana	et IEEE Security Workhorse (W) 1394 Chip or Global (G) Avail r port Preload model date					
2682-F9U Pentiur 2682-K2U Pentiur 2682-K4U Pentiur 2682-GHU Pentiur 2682-GLU Pentiur 2682-GLU Pentiur 2682-J8U Pentiur 2682-J8U Pentiur 2682-JAU Pentiur	m® 4-M 2.0 256MB 14.1" XG/m4-M 2.0 256MB 14.1" XG/m4-M 2.0 256MB 14.1" XG/m4-M 2.0 256MB 15.0" XG/m4-M 2.2 256MB 15.0" XG/m4-M 2.0 256MB 15.0" XG/m4-M 2.0 256MB 15.0" XG/m4-M 2.2 256MB 15.0" XG/m4-M 2.2 256MB 14.1" XG/m4-M 2.2 256MB 2.2 256MB 14.	A 16MB 20G DVD A 16MB 20G DVD A 16MB 40G DVD A 16MB 40G DVD A 32MB 40G DVD A 32MB 40G DVD A 32MB 40G DVD A 16MB 40G Combo A 16MB 40G Combo		Modem 10/10 Modem 10/10 Modem 10/10 Modem 10/10 Modem 10/10 Modem 10/10 Modem 10/10 Modem 10/10	0 Yes XP Pro W Jan 2003 0 Yes XP Pro W G Jan 2003 0 Yes XP Pro W G Jan 2003 0 Yes XP Pro W G Jan 2003 0 1394 Yes XP Pro W Jan 2003 0 1394 Yes XP Pro W Jan 2003 0 1394 Yes XP Pro May 2003 0 1394 XP Pro May 2003 0 1394 XP Pro May 2003					
Positioning	Best blend of portability and e				SOFTWARE ¹⁴					
L2 cache Memory Diskette drive	Mobile Intel® Pentium 4 Pro enhanced Intel SpeedStep™ 512KB / on die (at processor 256MB std / 1GB max² / PC² two 200-pin SO-DIMM sock None standard / use optiona Some: DVD-ROM / 8X-3.3X	cessor-M 2.0, or 2.26 technology¹ and 400N speed) / ECC 2100 266MHz DDR-S ets / std memory in on I Ultrabay™-based or	GHz with MHz frontside bus DRAM / non-parity / Clescocket / one socket a USB-based diskette dr	available rive	Windows XP Pro models - Microsoft® Windows® XP Professional²⁰ ⇒ Disk-to-Disk Recovery (in hidden protected area) Preloaded					
Combo Ultrabay 2000 Disk	Some: DVD-ROM/CD-RW / One modular bay for intercha 20GB ⁸ or 40GB, 4200 rpm, 9 9.5mm high bay / supports 20	24X/10X/24X/8X ²¹ sp angeable devices / Ult .5mm high, S.M.A.R.T	eed / removable from it rabay Plus-compatible . / removable and upgr	Últrabay 2000 /12.7 mm high radable /	Access IBM - Access Connections - Access Help - Access Support					
Display	•	(1024x768) TFT colo Inlatch and open with o	r / Active Matrix / 150 n one hand (two latches)		Adobe Acrobat Reader IBM Rapid Restore™ PC IBM RecordNOW and DLA by Veritas (combo models)					
·	Some: ATI® Mobility™ RAI Some: ATI Mobility RADE External monitor support via	ON 7500 / AGP 4X / 3	2MB DDR-SDRAM	85Hz / DDC2R	 InterVideo WinDVD (DVD models) Norton AntiVirus (OEM edition) 					
Keyboard TrackPoint® Touch pad ThinkLight™	87-key / Access IBM button TrackPoint® pointing device, UltraNav™ multi-pointing sys Illuminates the keyboard to i	/ palm rest / pitch: 19r "Press-to-Select," Inte stem / touch pad belov	nm; stroke: 2.7mm (sto ernet Scroll Bar ¹³ , mag v keyboard / Tap Zone:	d-size keys) nifying glass	PC-Doctor™ ThinkPad Utilities IBM Update Connector™.¹5 Downloadable IBM Director Agent					
Dimensions ³ Approximate weight ² Case material Battery - type Battery - life ¹⁰	14.1" models: 12.3" x 10" x 1 with optical drive and battery Color: Black; All: Acrylonitril Lithium Ion 8-cell / intelligent 14.1" wireless models: 3.8 h 15" wireless models: 3.4 h	14.1" models: 6.0 lb; e-Butadiene-Styrene / supports unique 2nd rs; 14.1" non-wireless	15.0" models: 6.7 lb (ABS) plastic battery in Ultrabay 200 models: 4.0 hrs;	0	Software Delivery Assistant System Migration Assistant Client Security Software (models with security chip) License (CD not included)					
Architecture PC Card Std slots Ports	Intel 845MP chipset / 82845 82801DBM ICH4-M I/O Con Low Pin Count (LPC) interfa PCI1510 CardBus controller LPC bus 33MHz (security ch One Type I, one Type II, or o Two USB (Version 2.0) / par RJ-11 (modem) / RJ-45 (eth	troller Hub (ATA-100 I ce, USB, Firmware Hu TSB43AB21 1394 (Si ip; PC87392 Super I/ ne Type III / CardBus allel / external monitol	EIDE, PCI bus, etherne ub) / PCI bus 2.2 32-bit, me), Mini PCI, external o for diskette, parallel, 32-bit / PCMCIA 2.1 / (DB-15) / infrared (4N	33MHz (TI® expansion) / infrared) integrated doo						
Video out IEEE 1394 Wireless antenna Mini PCI Wireless upg³6 Cisco 802.11b CDC Modem Ethernet Audio support	One Communications Daugh) port / 4-pin connector into the display cover ommunications Bay) / with wireless Mini PCI ini PCI, Cisco® Aironet™ antenna built in botheter Card (CDC) socke gned²®) modem in CDC ard / Intel 82562EZ choller / DirectSound® su	or for optimal wireless sig customer upgradable options Wireless 802.11b, Properties of display, Wi-Fit (used by modem) / no C/Agere chipset (physical layer) upport / AD1891A AC9	rism 2.0 i-certified ot accessible	Universal 72 watt AC adapter Asset ID (system-specific info in chip accessed over network) PC 2001 and PXE 2.0-compliant ACPI 1.0b and 2.0-compliant CIM and DMI 2.0-compliant IBM ImageUltra™ Services available IBM Rapid Restore PC available to protect software image and data International Warranty Service¹ 24 hour x 7 day¹8 toll-free hardware support during the warranty¹²					
Security	microphone input jack (3.5 n Power-on password / hard d Some: IBM Embedded Sec authentication / local file end	nm) / headphone jack isk password / superv urity Subsystem 2.0 ryption / enhances VF	(3.5 mm) / no line in ja risor password / securi ³³ / hardware key stora PN security ¹⁶ / TCG-cor	ty keyhole ge / multi-facto	30L9197					
	3 years/1 year battery - Eas				ServicePac 4 yr IOR 9x5 NBD 69P9198					
256 MB PC2100 E 512 MB PC2100 E CD-RW/DVD Cor 24X-10X CD-ROI Second HDD Ada ThinkPad Multi-B ThinkPad Remov	M Ultrabay 2000 Drive 05 opter for Ultrabay 2000 08 ourner Ultrabay 2000 Drive 22 able Diskette Drive 08	K0030 Ultrabay 200 K0032 ThinkPad Mi P6991 40GB HS Ha K9233 GemPC400 Cisco Airone P7015 IBM 11a/b/g K9603 IBM 11a/b/g	32/R40 Series Li-Ion Ba 10 Li-Ion battery ultiple Battery Charger urd Disk 9.5mm (5400 r Smart Card Reader/W t Wireless 802.11b Mir Wireless Mini PCI Ada Wireless CardBus Ada	02K6646 II 22P9040 pm) 08K9816 riter 31P8901 ni PCI31P8301 apter 31P9701 apter 31P9101	ServicePac 5 yr IOR 9x5 NBD 69P9200 ServicePac 4 yr P&L P/U Depot 69P9199 ServicePac 5 yr P&L P/U Depot 69P9201 Other ServicePac options at ibm.com/services/its/us/source/					
IBM USB Serial P IBM iLV200 Value	table CD-RW Drive 22 erallel Adapter 22 Data/Video Projector 00	P5297 ThinkPad 72 P5298 ThinkPad Pc 38A03 ThinkPad Mi	W AC Adapter W AC/DC Combo Ada ort Replicator II ni Dock s at ibm.com /pc/us/ac	74P6733 287810U	wamomxeu.pdf Post-warranty annual maintenance agreements at ibm.com/services/its/us/source/ maspspleu.pdf					

					Mini PCI			IEEE S		,	Small a		
Type-model Proce	Speed ssor GHz Memory	Grapi Screen mem	nics Disk ory GB ⁸	Optical	Comm Bay wireless	CDC modem	on planar	1394 port		Preload	mediu busine		
	n 1.8 256MB 1 n®4-M 2.0 256MB 1	15.0" XGA 16N 14.1" XGA 16N	IB 20GB IB 20GB	DVD DVD	Open; wireless upg Open; wireless upg Open; wireless upg Open; wireless upg	Modem Modem	10/100 10/100		Yes Yes	XP Pro XP Pro	Yes Yes	May 2003 May 2003 May 2003 May 2003	
These	small and medium b	ousiness (SMB)	models a	re part o	of the IBM US ThinkP	ad Expre	ss Prog	ram					
Positioning Processor	Best blend of portal Mobile Intel® Cele Mobile Intel Pentiu enhanced Intel Spe	ron 1.8GHz witl um 4 Processo eedStep™ techr	n 400MHz r -M 2.0G H nology¹ an	frontsic Iz with d 400M	le bus or Hz frontside bus	-00		Windov	vs XP soft® V	Vindows	dels		
L2 cache Memory	256MB std / 1GB n	nax7 / PC2100 2	266MHz D	DR-SŒ	t processor speed) / E PRAM / non-parity / C socket / one socket a	L2.5/		Profes ⇒Disk-t (in hid	o-Disk				
Diskette drive DVD Ultrabay 2000 Disk	DVD-ROM / 8X-3.3 One modular bay for	3X° speed / boo or interchangea 9.5mm, S.M.A.F	table / rem ble device R.T. / remo	novable es/ Ultr ovable a	SB-based diskette dr from Ultrabay 2000 abay Plus-compatible and upgradable / 9.5m abay 2000	e/12.7 mn	n high ay /		s IBM Acro apid F ideo V	bat Rea Restore¹ VinDVD	™ PC (DVD	models)	
Display	Some: 15.0" (381m	nm) XGA (1Ò24 :	k768) ŤFT	color /	r / Active Matrix / 150 Active Matrix / 150 ni ne hand (two latches)			NortorPC-DoThink	octor™ Pad U	tilities		ŕ	
	Some: ATI® Mobilit Some: ATI Mobilit External monitor su	y RADEON 75	00 / AGP 4	4X / 32I	IB DDR-SDRAM MB DDR-SDRAM or / up to 1600x1200 at	85Hz/D		IBM UDownloIBM D	adabl	le	CIOLIM'S	•	
Keyboard TrackPoint® Touch pad ThinkLight™	87-key / Access IB TrackPoint® pointin	M button / palm ig device, "Pres binting system /	rest / pito s-to-Selectouch pac	ch: 19m ct," Inte d below	m; stroke: 2.7mm (st rnet Scroll Bar ¹³ , mag keyboard / Tap Zone	d-size ke Inifying gl	ys) lass	SoftwaSystemClient securion	are De m Mig Secui ity chip	elivery A ration A rity Soft o)	ssistar ware (f	nt	
Dimensions ³ Approximate weight ² Case material Battery - type Battery - life ¹⁰	with optical drive an Color: Black; All: A	OxH): 13" x 10.5 and battery: <i>14.1</i> acrylonitrile-But intelligent / sup	' x 1.6"; 32 <i>" models:</i> adiene-St ports uniq	29mm x 6.0 lb (2 yrene (7 ue 2nd l	267.5mm x 40.5mm 2.8kg); <i>15.0":</i> 6.7 lb (3 ABS) plastic pattery in Ultrabay 200	•		License (CD not included) Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client					
Architecture PC Card Std slots Ports	Low Pin Count (LP PCI1510 CardBus LPC bus 33MHz (s One Type I, one Ty	I/O Controller C) interface, US controller, TSB/ ecurity chip; PO pe II, or one Ty	Hub (ATA SB, Firmw ISAB21 13 S87392 St pe III / Ca	A-100 E vare Hul 394 (son uper I/O rdBus 3	Hub (MCH-M) / IDE, PCI bus, etherne b) / PCI bus 2.2 32-bit, ne), Mini PCI, external for diskette, parallel, s2-bit / PCMCIA 2.1 / (DB-15) / infrared (4M	, 33MHz (expansio infrared) integrate	on)/) (syst	tem-spe	cific in	er Ifo in chip	
Video out IEEE 1394 Wireless antenna Mini PCI Wireless upg ³⁶ CDC Modem Ethernet	RJ-11 (modem) / R S-video out port (T Some: IEEE 1394 UltraConnect™ Ant One Mini PCI type Wireless upgradab	RJ-45 (ethernet) V out) / one ind (FireWire) port enna built into t III slot (Commu le with wireless ons Daughter Co	/ no keyb ustry stan / 4-pin cor ne display nications Mini PCI o ard (CDC) m in CDC	dard or dard connector cover for Bay) / coptions socket / Agere	mouse or serial port nnector or optimal wireless sig sustomer upgradable (used by modem) / no chipset	ınal recep	otion	PC 200 ACPI 1. CIM and IBM Rap proted Internat 24 hour	1 and 0b and d DMI pid Re ct soft ional \ x 7 da	d 2.0-co 2.0-com estore P ware im Warrant	D-comp mpliant opliant C avai age ar y Serv free ha	lable to nd data ice ¹⁷ ardware	
Audio support Security	Soft audio / ICH AC stereo speakers / 1 microphone input ja	C97 controller / watt / volume ack (3.5 mm) / I	DirectSou up, down, neadphon	ınd® sur mute b e jack (oport / AD1891A AC9 uttons / internal mic / 3.5 mm) / no line in ja sor password / securi	ck		Service Service		,		30L9188	
	authentication / loc	ecurity Subsystal file encryption	stem 2.0 ³³ n / enhand	3 / hardv ces VPI	vare key storage / mu N security¹6 / TCG-co	lti-factor mpliant		Service		,		30L9195	
Limited warranty ¹²		· ·			ervice upgrades ²² ava			Servicel		•		30L9194	
256 MB PC2100 E 512 MB PC2100 E Ultralight 8X Max CD-RW/DVD Con 24X-10X CD-RON Second HDD Ada	DDR-SDRAM CL2.5 DDR-SDRAM CL2.5 DDR-SDRAM CL2.5 DVD Ultrabay 2000 nbo IV Ultrabay 200 M Ultrabay 2000 Driv pter for Ultrabay 200	SOD 10K0030 SOD 10K0032 22P9102 0 22P6991 ve 05K9233 00 08K6068	Ultraba ThinkF IBM U 40GB GemP ThinkF	ay 2000 Pad Mul SB Key HS Har C400 S Pad Mor	2/R40 Series Li-Ion Ba Li-Ion battery tiple Battery Charger board with UltraNav d Disk 9.5mm (5400 r mart Card Reader/Winitor Stand 2001	02h II 22F 31F pm) 08h riter 31F 22F	K6646 P9040 P8950 K9816 P8901 P5265	Service Service Service Service	Pac 2 Pac 3	yr P&L yr P&L	P/U D	30L9196 epot 30L9191 epot 30L9192 epot	
ThinkPad Remova IBM USB Portable IBM USB 2.0 Port IBM USB Serial P. Optical 3-Button T IBM iLV200 Value IBM ThinkPad Ult IBM ThinkPad Ult	able CD-RW Drive arallel Adapter ravel Wheel Mouse Data/Video Project rabay Plus Carrier rabay Plus c500 Cra	08K9603 05K9276 22P5297 22P5298 31P7410 or 0038A03 22P5737 adle 22P5738	IBM 11 IBM 11 IBM 11 ITHINKE ITHINKE ITHINKE ITHINKE ITHINKE IBM 10 IBM 0	1a/b/g V 1a/b/g V Pad 72V Pad 72V Pad Por Pad Min GB Micr ptical 3-	odrive™ with PC Card Button Travel Wheel M	opter 31F apter 31F 02F pter 22F 74F 287 d 07f Mouse 31F	P9701 P9101 K6699 P9010 P6733 7810U N5574 P7410	wame Post-wa agreem ibm.e	ervice com/s omxed arranty ents a com/s	Pac opt services u.pdf / annual t services	ions at /its/us/ maint	69P9197 source/	
i ninkPad Ultraba	y Plus Numeric Key _l	pad 22P7330	Otner	options	at ibm.com/pc/us/ac	cessorie	S	masp	spleu	.pdf			

Type-model Proce		hics Disk ory GB ⁸ Optical	Mini PCI Comm Bay wireless	CDC	Ethernet IEEE on 1394 Security Avail planar port chip Preload date				
2896-J3U Pentiur 2896-N2U Pentiur 2896-N3U Pentiur 2896-N4U Pentiur 2896-Q3U Pentiur 2896-Q4U Pentiur 2896-P2U Pentiur 2896-P3U Pentiur	1° 4-M 2.2 256MB 14.1" XGA 32N 14-M 2.2 256MB 14.1" XGA 32N 14-M 2.2 256MB 14.1" XGA 32N 14-M 2.4 256MB 15.0" SXGA+32N 14-M 2.4 256MB 15.0" SXGA+32N 14-M 2.4 256MB 15.0" SXGA+32N 14-M 2.4 256MB 15.0" XGA	MB 30GB CD MB 40GB Combo MB 60GB Combo MB 30GB CD MB 40GB Combo MB 60GB Combo MB 60GB Combo MB 60GB Combo MB 30GB CD MB 30GB CD MB 30GB CD MB 40GB Combo	Open; wireless upg 11a/b Wi-Fi ²⁷ Open; wireless upg Open; wireless upg	Modem Modem Modem Modem Modem Modem Modem Modem Modem Modem	10/100 1394 XP Pro Oct 2003 10/100 1394 Yes XP Pro Oct 2003				
Proposer	Mainstream performance and feature				SOFTWARE ¹⁴				
L2 cache Memory	Mobile Intel® Celeron 2.0GHz with Mobile Intel Pentium4 Processorenhanced Intel SpeedStep™ technoc Celeron: 256KB; Pentium 4-M: 512 256MB std / 1GB max ⁷ / PC2100 26 two 200-pin SO-DIMM sockets / std None standard / use optional Ultrab	M 2.2 or 2.4GHz wi blogy¹ and 400MHz KB; All: on die (at p 66MHz DDR1 (DDI I memory in one so ay™-based or USE	th : system bus : system bus rocessor speed) / ECC R-SDRAM) / non-parity cket / one socket avail B-based diskette drive	r / CL2.5 / able	Windows XP Pro models - Microsoft® Windows® XP Professional²⁰ ⇒ Disk-to-Disk Recovery (in hidden protected area) Preloaded				
CD Combo Ultrabay 2000 Disk	Some: CD-ROM / 24X-10X ⁹ speed Some: DVD-ROM/CD-RW / 24X/10 One modular bay for interchangeab 30GB ⁸ , 40GB, or 60GB / 4200 rpm, 9.5mm high bay / supports 2nd disk	0X/24X/8X ²¹ speed le devices / Ultraba 9.5mm, S.M.A.R.T.	/removable from Ultra ay Plus-compatible/12. . /removable and upgra	bay 2000 7 mm high adable /	Access IBM Access Connections Adobe Acrobat Reader IBM Rapid Restore™ PC InterVideo WinDVD (combo models)				
Display	Some: 14.1" (358.1mm) XGA (1024 Some: 15.0" (381.0mm) XGA (1024 Some: 15.0" (381.0mm) SXGA+ (1	4x768) TFT color / 450x1050) TFT co	Active Matrix / 150 nits lor / Active Matrix / 150		IBM RecordNOW and DLA by Veritas (combo models) Norton Antivirus (OEM edition) PC-Doctor™				
•	Some: ATI® Mobility™ RADEON™ Some: ATI Mobility RADEON 750 External monitor support via analog	0 / AGP 4X / 32ME	B DDR1`(DDR-SDRAM)	 ThinkPad Utilities IBM Update Connector™.15 				
Keyboard TrackPoint® Touch pad ThinkLight™	87-key / Access IBM button / palm r TrackPoint® pointing device, "Press UltraNav™ multi-pointing system / to Illuminates the keyboard to improve	-to-Select," Interne ouch pad below ke	et Scroll Bar¹³, magnifyi yboard / Tap Zones		Downloadable IBM Director Agent Software Delivery Assistant System Migration Assistant Client Security Software (for				
Dimensions ³ Approximate weight ² Case material Battery - type Battery - life ¹⁰	14.1" models (WxDxH): 12.3" x 10" > 15.0" models (WxDxH): 13" x 10.5" > with optical drive and batt: 14.1" mo Color: black; All: Acrylonitrile-Buta Lithium Ion 8-cell / intelligent / supp 14.1" and 15" XGA models: 3.8 to 4	x 1.6"; 329mm x 26 dels: 6.0 to 6.1 lb (diene-Styrene (AE orts unique 2nd bat	7.5mm x 40.5mm 2.7kg); <i>15.0":</i> 6.6 to 6.7 (S) plastic tery in Ultrabay 2000	, 0,	security chip) License (CD not included)				
Architecture PC Card Std slots Ports	Intel 845MP chipset / 82845MP Me 82801DBM ICH4-M I/O Controller H Low Pin Count (LPC) interface, USI PCI1510 CardBus controller, TSB43 LPC bus 33MHz (security chip; PC8 One Type I, one Type II, or one Typ Two USB (Version 2.0) / parallel / e: RJ-11 (modem) / RJ-45 (ethernet) /	mory Controller Hu Hub (ATA-100 EIDE B, Firmware Hub) / ABB21 1394 (some) 37392 Super I/O fo e III / CardBus 32- xternal monitor (DE	ib (MCH-M) / E, PCI bus, ethernet M/ PCI bus 2.2 32-bit, 33M, Mini PCI, external exper r diskette, parallel, infra bit / PCMCIA 2.1 / integ B-15) / infrared (4Mbps	AC, MHz (TI® ansion) / ared) grated door	Universal 72 watt AC adapter Asset ID (system-specific info in chip accessed over network) PC 2001 and PXE 2.0-compliant ACPI 1.0b and 2.0-compliant CIM and DMI 2.0-compliant IBM Rapid Restore PC available to protect software image and data International Warranty Service ¹⁷				
Video out IEEE 1394 Wireless antenna Mini PCI	S-video out port (TV out) / one 4-pin IEEE 1394 (FireWire) port / 4-pin co UltraConnect™ Antenna built into the One Mini PCI type III slot (Commun	n industry standard onnector e display cover for c	connector optimal wireless signal r	eception	24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹² via 800-IBM-SERV (426-7378)				
Wireless upg ³⁶ 11a/b Wi-Fi ²⁷ CDC	Some: wireless upgradable with wir Some: 11a/b Wi-Fi ²⁷ wireless ⁴ , Mini One Communications Daughter Car	eless Mini PČI optid PCI, Atheros™ AR!	ons 5001X chipset	cessible	ServicePac®,22 1yr IOR 9x5 NBD 30L9188 ServicePac 2 yr IOR 9x5 NBD				
Modem Ethernet Audio support	56K ⁶ V.90 (V.92-designed ²⁹) moder 10/100 ethernet on motherboard / Int Soft audio / ICH AC97 controller / D	n in CDC / Agere® c tel 82562EZ chip (p	hipset hysical layer)		30L9189 ServicePac 3 yr IOR 9x5 NBD 30L9195				
Security	stereo speakers / 1 watt / volume up microphone input jack (3.5 mm) / he Power-on password / hard disk pas Some: IBM Embedded Security S factor authentication / local file encr	o, down, mute butte eadphone jack (3.5 sword / supervisor subsystem 2.0 ³³ / h	ons / internal mic / mm) / no line in jack password / security ke nardware key storage /	eyhole multi-	ServicePac 4 yr IOR 9x5 NBD 30L9194 ServicePac 5 yr IOR 9x5 NBD 30L9196 ServicePac 2 yr P&L P/U Depot				
Limited warranty ¹²	1 year - EasyServ ^{TM,19} onsite pickup	and delivery / servi	ce upgrades ²² available	Э	30L9191 ServicePac 3 yr P&L P/U Depot				
128 MB PC2100 D 256 MB PC2100 D 512 MB PC2100 D CD-RW/DVD Con Ultralight 8X Max Second HDD Ada Multi-Burner Plus ThinkPad Remova IBM USB Portable		Ultrabay 2000 Li- ThinkPad Multiple 40GB HS Hard Di 80GB HS Hard Di Cisco Aironet Wir IBM 11a/b/g Wire IBM 11a/b/g Wire	e Battery Charger II sk 9.5mm (5400 rpm) sk 9.5mm (5400 rpm) eless 802.11b Mini PC less Mini PCI Adapter less CardBus Adapter c/DC Combo Adapter	02K6646 22P9040 08K9816 09N4273	30L9192 ServicePac 4 yr P&L P/U Depot 69P9195 ServicePac 5 yr P&L P/U Depot 69P9197 Other ServicePac options at ibm.com/services/its/us/source/ wamomxeu.pdf Post-warranty annual maintenance agreements at				
ThinkPad 72W AC		Other options at il	bm.com/pc/us/access	ories	maspspleu.pdf				

Type-model Proce		Graphics Disk memory GB [®] Optical	Mini PCI Comm Bay wireless E	CDC Ether modem/ on Bluetooth™ plan	ar port Preload business date				
2897-23U Pentiur 2897-34U Pentiur 2897-55U Pentiur 2897-GWU Pentiur 2897-93U Pentiur 2897-B4U Pentiur 2897-GAU Pentiur 2897-GAU Pentiur 2897-83U Pentiur		16MB 20G Combo * 32MB 40G Combo * 32MB 40G Combo * 32MB 40G Combo * +32MB 60G Combo * 32MB 40G Combo * 32MB 40G Combo * 432MB 60G Combo * 16MB 20G Combo *	Intel 11b Wi-Fi Open; wireless upg Intel 11b Wi-Fi 11a/b Wi-Fi ²⁷ Intel 11b Wi-Fi Intel 11b Wi-Fi Intel 11b Wi-Fi Intel 11b Wi-Fi Intel 11b Wi-Fi	Modem 10/1 Modem 10/1 Modem 10/1 Modem 10/1 Modem 10/1 Modem 10/1 Modem 10/1 Modem 10/1	00 1394 Yes XP Pro Yes May 2003 00 1394 Yes XP Pro Yes Oct 2003 00 1394 Yes XP Pro Yes Oct 2003 00 1394 Yes XP Pro Yes Nov 2003 00 1394 Yes XP Pro Yes Nov 2003				
Positioning	Mainstream performance and				SOFTWARE ¹⁴				
Processor L2 cache Memory	Intel® Pentium® M Processor enhanced Intel SpeedStep™ 1MB / on die (at processor sp 256MB std / 2GB max ⁷ / PC2 two 200-pin SO-DIMM socke	technology¹ and 400MH eed) / ECC 100 266MHz DDR1 (DI ts / std memory in one s	dz system bus DR-SDRAM) / non-p socket / one socket	available	Windows XP Pro models - Microsoft® Windows® XP Professional® ⇒ Disk-to-Disk Recovery (in hidden protected area)				
Diskette drive DVD Combo Ultrabay 2000 Disk	None standard / use optional <i>Some:</i> DVD-ROM / 8X-3.3X <i>Some:</i> DVD-ROM/CD-RW / One modular bay for intercha 20GB ⁸ , 40GB , or 60GB , 4200 supports 2nd disk with options	⁹ speed / bootable / rem 24X/10X/24X/8X ²¹ spee ngeable devices / Ultral rpm, 9.5mm / removabl al HDD Adapter in Ultrab	ovable from Ultraba ed / removable from bay Plus-compatible e and upgradable / 9 ay 2000	ay 2000 I Ultrabay 2000 e /12.7 mm high 9.5mm high bay	Preloaded • Access IBM - Access Connections • Adobe Acrobat Reader • IBM Rapid Restore™ PC • IBM RecordNOW and DLA by				
Display	Some: 14.1" (358.1mm) XGA Some: 15.0" (381.0mm) XGA Some: 15.0" (381.0mm) SXG	(1024x768) TFT color A+ (1400x1050) TFT co	/ Active Matrix / 150 olor / Active Matrix /	nits 150 nits	Veritas (combo models) InterVideo WinDVD (Combo, DVD) Norton AntiVirus (OEM edition)				
'	Some: ATI® Mobility™ RADE Some: ATI Mobility RADEO External monitor support via a	N 7500 / AGP 4X / 32M	B DDR1 (DDR-SDF	RAM)	 PC-Doctor™ ThinkPad Utilities IBM Update Connector™.15 				
Keyboard TrackPoint® Touch pad ThinkLight™	87-key / Access IBM button / TrackPoint® pointing device, " UltraNav™ multi-pointing syst Illuminates the keyboard to im	Press-to-Select," Interr tem / touch pad below k prove visibility in low-li	net Scroll Bar ¹³ , mag eyboard / Tap Zone ght conditions	gnifying glass	Downloadable IBM Director Agent Software Delivery Assistant System Migration Assistant				
Dimensions ³ Approximate weight ² Case material Battery - type Battery - life ¹⁰	14.1" models: 12.3" x 10.0" x with optical drive and battery: Color: Black; All: Acrylonitrile Lithium Ion 8-cell / intelligent 6.1 to 6.2 hr	<i>14.1" models:</i> 6.1 to 6.7 -Butadiene-Styrene (Al	lb; <i>15.0":</i> 6.6 to 6.7 BS) plastic	`	Client Security Software (for security chip) License (CD not included) Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client				
Architecture PC Card Std slots Ports	Intel 855PM chipset / 82855P 82801DBM ICH4-M I/O Controlled Count (LPC) interface PCI1510 CardBus controller, LPC bus 33MHz (security chip One Type I, one Type II, or on Two USB (Version 2.0) / para RJ-11 (modem) / RJ-45 (ethe	oller Hub (ATA-100 EIDI e, USB, Firmware Hub) / TSB43AB21 1394 (some o; PC87392 Super I/O fo e Type III / CardBus 32- Illel / external monitor (I	E, PCI bus, etherne / PCI bus 2.2 32-bit, e), Mini PCI, externa r diskette, parallel, i bit / PCMCIA 2.1 / ii DB-15) / infrared (4N	33MHz (TI® al expansion) / nfrared) ntegrated door Mbps) /	Universal 72 watt AC adapter Asset ID™34 (system-specific info in chip accessed over network) PC 2001 and PXE 2.0-compliant ACPI 1.0b and 2.0-compliant				
Video out IEEE 1394 Wireless antenna Mini PCI Wireless upg ³⁶ 11b Wi-Fi ³²	S-video out port (TV out) / on IEEE 1394 (FireWire) port / 4 UltraConnect™ Antenna built i One Mini PCI type III slot (Co Some: Wireless upgradable v Some: 11b Wi-Fi ³² wireless ⁴ , 802.11b, Intel 82531 c	-pin connector Into the display cover for mmunications Bay) / cu vith wireless Mini PCI op Mini PCI, Intel PRO/Wire	optimal wireless sig stomer upgradable tions	,	CIM and DMI 2.0-compliant IBM Rapid Restore PC available to protect software image and data International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free warranty support during the warranty ¹² via 800-IBM-SERV (426-7378)				
11a/b Wi-Fi ²⁷ CDC Modem Bluetooth™ Ethernet	Some: 11a/b Wi-Fi ²⁷ wireless One Communications Daught 56K ⁶ V.90 (V.92-designed ²⁸) r None 10/100 ethernet on motherboa	er Card (CDC) socket (under in CDC / Agere®	used by modem) / no chipset		ServicePac®.22 1yr IOR 9x5 NBD 30L9188 ServicePac 2 yr IOR 9x5 NBD 30L9189 ServicePac 3 yr IOR 9x5 NBD				
Audio support	Soft audio / ICH AC97 contro stereo speakers / 1 watt / volu microphone input jack (3.5 m	ller / DirectSound® supp ume up, down, mute bu	oort / AD1891Á AC9 ttons / internal mic /	97 codec /	30L9195 ServicePac 4 yr IOR 9x5 NBD 30L9194				
Security Security chip	Power-on password / hard dis IBM Embedded Security Su authentication / local file encr	sk password / superviso b system 2.0 33 / hardwa	or password / secur are key storage / mu	ity keyhole ulti-factor	ServicePac 5 yr IOR 9x5 NBD 30L9196 ServicePac 2 yr P&L P/U Depot				
Limited warranty ¹²	1 year - EasyServ™,19 onsite				30L9191 ServicePac 3 yr P&L P/U Depot				
256 MB PC2100 D 512 MB PC2100 DD 1GB PC2100 DDR CD-RW/DVD Con Second HDD Ada ThinkPad Remova IBM USB Portable IBM 4GB Microdri IBM 256 MB USB: ThinkPad 72W AC	nbo IV Ultrabay 2000 pter for Ultrabay 2000 able Diskette Drive ve™ with PC Card 2.0 Memory Key 2Adapter 22P 08K 08K 08K 09N 22P 22P	0030 ThinkPad Mini I 0032 40GB HS Hard 6091 ThinkPad R32/ 6068 Ultrabay 2000 L 9603 ThinkPad Multi 9276 IBM 11a/b/g Wi 4280 IBM 11a/b/g Wi 9025 Cisco Aironet V 6699 Ericsson® GC82	Dock Disk 9.5mm (5400 Disk 9.5mm (5400 R40 Series Li-Ion B	rpm) 09N4273 attery 02K7052 02K6646 1I 22P9040 apter 31P9701 ni PCI 31P8301 ireless58P8782	30L9192 ServicePac 4 yr P&L P/U Depot 69P9195 ServicePac 5 yr P&L P/U Depot 69P9197 Other ServicePac options at ibm.com/services/its/us/source/ wamomxeu.pdf Post-warranty annual maintenance agreements at				

date

Mar 2003

Mar 2003

Mar 2003

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Other options at ibm.com/pc/us/accessories

22P5265

ThinkPad Monitor Stand 2001

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69P9200

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