

Type-model	Processor	GHz	Memory	Screen	Disk	Optical in	ThinkPad	Mini PCI	CDC: modem/	Sec Ethernet	Battery	WH (W)	Gbl (G)	Avail	
						UltraBase	X4 UltraBase™	wireless	Bluetooth™	chip	planar	cells	Preload	Entry (Ent)	date
2371-13U	Pentium® M	1.0	256MB	12.1" XGA	20GB	None	Optional	Open; wireless upg <sup>36</sup>	Modem	Yes	Gigabit	4	XP Pro	Ent	Feb 2004
2371-1CU	Pentium M	1.0	256MB	12.1" XGA	20GB	None	Optional *	Intel 11b Wi-Fi <sup>32</sup>	Modem	Yes	Gigabit	4	XP Pro	Ent	Feb 2004
2371-57U	Pentium M	1.2	256MB	12.1" XGA	40GB	None	Optional	Open; wireless upg	Modem	Yes	Gigabit	4	XP Pro	W	Feb 2004
2371-67U	Pentium M	1.2	256MB	12.1" XGA	40GB	None	Optional	Open; wireless upg	Modem	Yes	Gigabit	8	XP Pro	W G	Feb 2004
2371-87U	Pentium M	1.2	512MB	12.1" XGA	40GB	None	Optional	Open; wireless upg	Modem	Yes	Gigabit	8	XP Pro	W	Feb 2004
2371-6GU	Pentium M	1.2	256MB	12.1" XGA	40GB	None	Optional *	Intel 11b Wi-Fi	Modem	Yes	Gigabit	8	XP Pro	W	Feb 2004
2371-7GU	Pentium M	1.2	512MB	12.1" XGA	40GB	None	Optional *	Intel 11b Wi-Fi	Modem	Yes	Gigabit	4	XP Pro	W	Feb 2004
2371-6EU	Pentium M	1.2	256MB	12.1" XGA	40GB	None	Optional	IBM 11b/g <sup>32</sup>	Modem	Yes	Gigabit	8	XP Pro	W	Feb 2004
2371-8EU	Pentium M	1.2	512MB	12.1" XGA	40GB	None	Optional	IBM 11b/g	Modem	Yes	Gigabit	8	XP Pro	W G	Feb 2004
2371-8LU	Pentium M	1.2	512MB	12.1" XGA	40GB	None	Optional	IBM 11b/g	Mod/Blue	Yes	Gigabit	8	XP Pro	W	Feb 2004
2371-8VU	Pentium M	1.2	512MB	12.1" XGA	40GB	None	Optional	11a/b/g Wi-Fi <sup>32</sup>	Modem	Yes	Gigabit	8	XP Pro	W	Feb 2004
Positioning Processor	Ultimate mobility in a versatile ultraportable; one spindle <b>Intel® Pentium® M Processor Ultra Low Voltage 1.0GHz or Low Voltage 1.2GHz</b> with enhanced Intel SpeedStep™ technology <sup>1</sup> and 400MHz system bus										<b>SOFTWARE<sup>14</sup></b>				
L2 cache	<b>1MB</b> / on die (at processor speed) / ECC										<b>Windows XP Professional</b>				
Memory	<b>256 or 512MB</b> std / 1.28 to 1.53GB max <sup>7</sup> / <b>PC2700</b> 333MHz DDR1 / non-parity / CL2.5 / std memory soldered to systemboard / one 200-pin SO-DIMM socket available										- Microsoft® Windows® XP Professional <sup>20</sup> ◇ Disk-to-Disk Recovery (in hidden protected area)				
Diskette drive Ultrabay™ Slim Disk	None standard / use optional USB-based diskette drive Supports Ultrabay Slim devices in optional or standard X4 UltraBase Dock <b>20GB or 40GB</b> <sup>8</sup> (4200 rpm), 9.5mm, ATA-100 / 1.8" platter / removable and upgradable / 9.5mm high bay / <b>IBM Active Protection System</b> (shock protection)										<b>Preloaded</b> • Access IBM • Access Connections • Adobe Reader • IBM Rescue and Recovery™ • Norton AntiVirus (OEM edition) • PC-Doctor™ • ThinkPad Utilities • IBM Update Connector™ <sup>15</sup>				
Display	<b>12.1"</b> (308mm) <b>XGA (1024x768) TFT color</b> / Active Matrix / 150 nits										<b>Downloadable</b> • IBM Director Agent • Software Delivery Assistant • System Migration Assistant • Client Security Software (for security chip)				
Graphics	<b>Integrated Intel Extreme™ Graphics 2</b> / in 855GME GMCH / uses main memory (up to 64MB) / 266MHz										<b>License</b> (CD not included) - Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client				
Graphics external	External monitor support via analog DB-15 connector / up to 1600x1200x16.7M at 85Hz										Supports IBM ThinkVantage™ technologies				
Keyboard	Standard-size <sup>26</sup> keys / 97% size of T Series / 87-key / 18.5mm pitch; 2.5mm stroke / Access IBM button / palm rest / TrackPoint®, "Press-to-Select," Internet Scroll Bar <sup>13</sup> / soft dome TrackPoint cap / ships with classic dome and soft rim TrackPoint cap Illuminates the keyboard to improve visibility in low-light conditions										<b>IBM ThinkPad X4 UltraBase™ Dock</b> • Provides desktop expansion and cable management for the X40 • Easily connects to the bottom of the X40 for traveling • Converts the X40 to a two-spindle system by supporting optional Ultrabay Slim accessories in left side: – Ultrabay Slim Li-Polymer Battery 3-cell 08K8190 – CD-RW/DVD Combo II Ultrabay Slim Drive 73P3288 – Multi-Burner Plus Ultrabay Slim Drive 73P3342 – Second HDD Adapter for Ultrabay Slim 62P4554 Disks supported: • 40GB HS Hard Disk 08K9816 • 60GB HS Hard Disk 73P3357 • 80GB HS Hard Disk 09N4273				
ThinkLight®											Other features: • Power button (front) • Stereo speakers (1 watt) • Security key lock, security keyhole, and optical security screw • Serial and parallel ports • PS/2 port for keyboard or mouse • Analog DB-15 monitor port • Three USB 2.0 ports (via USB hub) • Ethernet port (Gigabit Ethernet) • Modem port • Retractable feet; 1.3 lb; 580g				
Dimensions <sup>3</sup>	<i>4-cell without X4 UltraBase:</i> 10.5" x 8.3" x .81-1.06"; 268mm x 211mm x 20.6-26.9mm <i>8-cell without X4 UltraBase:</i> 10.5" x 9.3" x .81-1.06"; 268mm x 237mm x 20.6-26.9mm <i>4-cell battery models:</i> 2.7 lb (1.23kg); <i>8-cell battery models:</i> 3.2 lb (1.44kg); <i>with 8-cell battery and X4 UltraBase with combo:</i> 4.89 lb (2.22kg)										56 watt AC Adapter Asset ID™ <sup>34</sup> (system-specific info in chip accessed over network) ACPI 1.0b and 2.0-compliant International Warranty Service <sup>17</sup> 24 hour x 7 day <sup>18</sup> toll-free warranty support during the warranty <sup>12</sup> via 800-IBM-SERV (426-7378)				
Weight <sup>2</sup>															
Case material	Color: black; All: magnesium alloy														
Battery - type	Li-Ion 4- or 8-cell / intelligent / supports optional Extended Life Battery on base (for two batteries) / supports optional battery in X4 UltraBase Dock (for two batteries)														
Battery - life <sup>10</sup>	<i>with 4-cell:</i> 3.5 hr; <i>with 8-cell:</i> 7.5 hr; <i>with 8-cell and optional Extended Life Battery:</i> up to 10 hr														
Architecture	<b>Intel 855GME</b> chipset / 82852GME Memory Controller Hub (MCH-M) / 82801DBM ICH4-M I/O Controller Hub (ATA-100 EIDE, PCI bus, Low Pin Count (LPC) interface, USB [Bluetooth]) / Intel 82802AC Firmware Hub / PCI bus 2.2 32-bit, 33MHz (ethernet, Ricoh® R5C511 CardBus controller, Mini PCI) / LPC bus 33MHz (PC87392 Super I/O for infrared [dock-based ports])														
Mobile media base	Supports optional <b>X4 UltraBase Dock</b> (see right side)														
Secure Digital slot	One <b>Secure Digital Card</b> slot / supports SD memory cards used in consumer devices														
PC Card Std slot	One Type I or one Type II / CardBus 32-bit / PCMCIA 2.1 / integrated door														
Ports	Two USB (version 2.0), plus one powered USB port for select IBM options / external DB-15 monitor / infrared (4Mbps) / RJ-11 (modem) / RJ-45 (ethernet) / no serial, parallel, keyboard/mouse ports (use X4) / no IEEE 1394 port														
Wireless antenna	UltraConnect™ antenna built into the display cover for optimal wireless signal reception														
Mini PCI	One Mini PCI type III slot (Communications Bay) / customer upgradeable														
Wireless upg <sup>36</sup>	<i>Some:</i> wireless upgradable with wireless Mini PCI options														
11b Wi-Fi <sup>32</sup>	<i>Some:</i> 11b Wi-Fi <sup>32</sup> wireless <sup>4</sup> , Mini PCI, Intel PRO/Wireless 2100 Network Connection 802.11b, Intel 82531 chipset														
IBM 11b/g <sup>32</sup>	<i>Some:</i> IBM 11b/g Wi-Fi <sup>32</sup> wireless <sup>4</sup> , Mini PCI, Atheros™ AR5004G chipset														
11a/b/g Wi-Fi <sup>32</sup>	<i>Some:</i> 11a/b/g Wi-Fi <sup>32</sup> wireless <sup>4</sup> , Mini PCI, Atheros™ AR5001X+ chipset														
CDC	One Communications Daughter Card (CDC) socket / customer accessible														
Modem	56K <sup>6</sup> V.90 (V.92-designed <sup>25</sup> ) modem in CDC / Conexant® chipset														
Bluetooth™	<i>Some:</i> Bluetooth wireless technology / in CDC (with modem)														
Ethernet	Intel PRO/1000 Gigabit Ethernet / on systemboard / Intel 82541GI chipset (MAC/PHY) / Wake on LAN®														
Audio support	Soft audio / ICH AC97 controller / DirectSound® support / AD1981B AC97 codec / mono speaker / 0.5 watt / volume up, down, mute buttons / internal mic / microphone input jack (3.5 mm; pink) / headphone jack (3.5 mm; green)														
Security	Power-on password / dual hard disk password / supervisor password / security keyhole														
Security chip	<b>IBM Embedded Security Subsystem 2.0</b> <sup>33</sup> / hardware key storage / multi-factor authentication / local file encryption / Atmel® chip / TCG-compliant														
Limited warranty <sup>12</sup>	<b>3 years/1 yr battery</b> - EasyServ™ <sup>19</sup> onsite pickup and delivery / service upgrades <sup>22</sup> avail														
128MB PC2700 DDR-SDRAM CL2.5 SOD	31P9828		IBM ThinkPad X40 UltraBase Dock		92P3429										
256MB PC2700 DDR-SDRAM CL2.5 SOD	31P9830		ThinkPad X40 Series Li-Ion Battery (4-cell)		92P1009										
512MB PC2700 DDR-SDRAM CL2.5 SOD	31P9832		ThinkPad X40 Series Li-Ion Battery (8-cell)		91P1119										
1GB PC2700 DDR-SDRAM CL2.5 SOD	31P9834		ThinkPad X40 Series Extended Life Battery		92P1006										
IBM USB Portable Diskette Drive	05K9276		ThinkPad Ultraportable 56W AC Adapter		02K6880										
IBM USB 2.0 Portable Multi-Burner Drive	22P9163		ThinkPad 72W AC/DC Combo Adapter		22P9010										
60GB Mini Hard Disk 9.5mm (4200 rpm)	73P3358		ServicePac®, <sup>22</sup> 2yr IOR 9x5 NBD		30L9190										
IBM 11a/b/g Wireless CardBus Adapter	31P9101		ServicePac 3yr IOR 9x5 NBD		30L9197										
IBM 11a/b/g Wireless Mini PCI Adapter II	73P4301		ServicePac 5yr P&L P/U Depot		69P9201										
Intel PRO/Wireless 2200BG Mini PCI	73P2801		Other options at <a href="http://ibm.com/options">ibm.com/options</a>												

See footnotes for important warranty information  
US models announced February 10, 2004  
US models withdrawn effective March 2005

\* Powered by Intel Centrino™ mobile technology

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Type-model	Processor	GHz	Memory	Screen	Disk	Optical in	ThinkPad UltraBase™	Mini PCI wireless	CDC: modem/Sec Bluetooth™	Ethernet chip	Battery cells	Preload	Avail date	
2386-13U	Pentium® M 1.0	256MB	12.1" XGA	20GB				Open; wireless upg <sup>36</sup>	Modem	Yes	Gigabit	4 XP Pro	Feb 2004	
2386-1QU	Pentium M 1.0	256MB	12.1" XGA	20GB	DVD		X4 UltraBase	Open; wireless upg	Modem	Yes	Gigabit	4 XP Pro	Feb 2004	
2386-1ZU	Pentium M 1.0	256MB	12.1" XGA	20GB	Combo		X4 UltraBase	* Intel 11b Wi-Fi <sup>32</sup>	Modem	Yes	Gigabit	4 XP Pro	Feb 2004	
2386-1CU	Pentium M 1.0	256MB	12.1" XGA	20GB				* Intel 11b Wi-Fi	Modem	Yes	Gigabit	4 XP Pro	Feb 2004	
2386-1GU	Pentium M 1.0	256MB	12.1" XGA	40GB				* Intel 11b Wi-Fi	Modem	Yes	Gigabit	4 XP Pro	Feb 2004	
2386-5GU	Pentium M 1.2	256MB	12.1" XGA	40GB				* Intel 11b Wi-Fi	Modem	Yes	Gigabit	4 XP Pro	Feb 2004	
2386-6GU	Pentium M 1.2	256MB	12.1" XGA	40GB				* Intel 11b Wi-Fi	Modem	Yes	Gigabit	8 XP Pro	Feb 2004	
2386-6UU	Pentium M 1.2	256MB	12.1" XGA	40GB	Combo		X4 UltraBase	* Intel 11b Wi-Fi	Modem	Yes	Gigabit	8 XP Pro	Feb 2004	
2386-8EU	Pentium M 1.2	512MB	12.1" XGA	40GB				IBM 11b/g <sup>32</sup>	Modem	Yes	Gigabit	8 XP Pro	Feb 2004	
2386-8WU	Pentium M 1.2	512MB	12.1" XGA	40GB	Combo		X4 UltraBase	IBM 11b/g	Mod/Blue	Yes	Gigabit	8 XP Pro	Feb 2004	
• These small and medium business (SMB) models are part of the IBM US Think Express Program • The 2386 has a 1 year limited warranty														
Positioning Processor	Ultimate mobility in a versatile ultraportable; one spindle <b>Intel® Pentium® M Processor Ultra Low Voltage 1.0GHz or Low Voltage 1.2GHz</b> with enhanced Intel SpeedStep™ technology <sup>1</sup> and 400MHz system bus										<b>SOFTWARE<sup>14</sup></b>			
L2 cache	<b>1MB</b> / on die (at processor speed) / ECC										<b>Windows XP Professional</b>			
Memory	<b>256 or 512MB</b> std / 1.28 to 1.53GB max <sup>7</sup> / <b>PC2700</b> 333MHz DDR1 / non-parity / CL2.5 / std memory soldered to systemboard / one 200-pin SO-DIMM socket available										- Microsoft® Windows® XP Professional <sup>20</sup> ♦ Disk-to-Disk Recovery (in hidden protected area)			
Diskette drive	None standard / use optional USB-based diskette drive										<b>Preloaded</b>			
DVD	Some: DVD-ROM / 24X-8X <sup>9</sup> speed / removable from Ultrabay™ Slim in X4 UltraBase										• Access IBM			
Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X <sup>21</sup> speed / removable from X4 UltraBase										• Access Connections			
Ultrabay™ Slim	Supports Ultrabay Slim devices in optional or standard X4 UltraBase Dock										• Adobe Reader			
Disk	<b>20GB or 40GB<sup>8</sup></b> (4200 rpm), 9.5mm, ATA-100 / 1.8" platter / removable and upgradable / 9.5mm high bay / <b>IBM Active Protection System</b> (shock protection)										• IBM Rescue and Recovery™			
Display	<b>12.1"</b> (308mm) <b>XGA (1024x768) TFT color</b> / Active Matrix / 150 nits										• Norton AntiVirus (OEM edition)			
Graphics	<b>Integrated Intel Extreme™ Graphics 2</b> / in 855GME GMCH / uses main memory (up to 64MB) / 266MHz										• PC-Doctor™			
Graphics external	External monitor support via analog DB-15 connector / up to 1600x1200x16.7M at 85Hz										• IBM Update Connector™ <sup>15</sup>			
Keyboard	Standard-size <sup>26</sup> keys / 97% size of T Series / 87-key / 18.5mm pitch; 2.5mm stroke / Access IBM button / palm rest / TrackPoint®, "Press-to-Select," Internet Scroll Bar <sup>13</sup> / soft dome TrackPoint cap / ships with classic dome and soft rim TrackPoint cap										• InterVideo WinDVD (DVD, combo)			
ThinkLight®	Illuminates the keyboard to improve visibility in low-light conditions										• RecordNow and DLA (combo)			
Dimensions <sup>3</sup>	4-cell without X4 UltraBase: 10.5" x 8.3" x .81-1.06"; 268mm x 211mm x 20.6-26.9mm 8-cell without X4 UltraBase: 10.5" x 9.3" x .81-1.06"; 268mm x 237mm x 20.6-26.9mm 8-cell with X4 UltraBase and optical: 10.7" x 9.3" x 1.5-2.0"; 272 x 237 x 38.2-50.4mm										<b>Downloadable</b>			
Weight <sup>2</sup>	4-cell with battery: 2.7 lb (1.23kg); 8-cell with battery: 3.1 lb (1.43kg); 8-cell battery and X4 UltraBase with combo: 4.89 lb (2.2kg)										• IBM Director Agent			
Case material	Color: black; All: magnesium alloy										• Software Delivery Assistant			
Battery - type	Li-Ion 4- or 8-cell / intelligent / supports optional Extended Life Battery on base (for two batteries) / supports optional battery in X4 UltraBase Dock (for two batteries)										• System Migration Assistant			
Battery - life <sup>10</sup>	4-cell models: 3.5 hr; 6GU with 8-cell: 7.5 hr; with 8-cell and optional Extended Life Battery: up to 10 hr										• Client Security Software (for security chip)			
Architecture	<b>Intel 855GME</b> chipset / 82852GME Memory Controller Hub (MCH-M) / 82801DBM ICH4-M I/O Controller Hub (ATA-100 EIDE, PCI bus, Low Pin Count (LPC) interface, USB [Bluetooth]) / Intel 82802AC Firmware Hub / PCI bus 2.2 32-bit, 33MHz (ethernet, Ricoh® R5C511 CardBus controller, Mini PCI) / LPC bus 33MHz (PC87392 Super I/O for infrared [dock-based ports])										<b>License</b> (CD not included)			
Mobile media base	Some: <b>X4 UltraBase Dock</b> (see right side)										- Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client			
Secure Digital slot	One <b>Secure Digital Card</b> slot / supports SD memory cards used in consumer devices										<b>IBM ThinkPad X4 UltraBase™ Dock</b> (standard with 1QU/1ZU/6UU/8WU)			
PC Card Std slot	One Type I or one Type II / CardBus 32-bit / PCMCIA 2.1 / integrated door										• Provides desktop expansion and cable management for the X40			
Ports	Two USB (version 2.0), plus one powered USB port for select IBM options / external DB-15 monitor / infrared (4Mbps) / RJ-11 (modem) / RJ-45 (ethernet) / no serial, parallel, keyboard/mouse ports (use X4) / no IEEE 1394 port										• Easily connects to the bottom of the X40 for traveling			
Wireless antenna	UltraConnect™ antenna built into the display cover for optimal wireless signal reception										• Converts the X40 to a two-spindle system by supporting optional Ultrabay Slim accessories in left side:			
Mini PCI	One Mini PCI type III slot (Communications Bay) / customer upgradeable										– Ultrabay Slim Li-Polymer Battery 3-cell 08K8190			
Wireless upg <sup>36</sup>	Some: wireless upgradable with wireless Mini PCI options										– CD-RW/DVD Combo II Ultrabay Slim Drive 73P3288			
11b Wi-Fi <sup>32</sup>	Some: 11b Wi-Fi <sup>32</sup> wireless <sup>4</sup> , Mini PCI, Intel PRO/Wireless 2100 Network Connection 802.11b, Intel 82531 chipset										– ThinkPad Multi-Burner Ultrabay Slim Drive 73P3294			
IBM 11b/g <sup>32</sup>	Some: IBM 11b/g Wi-Fi <sup>32</sup> wireless <sup>4</sup> , Mini PCI, Atheros™ AR5004G chipset										– Second HDD Adapter for Ultrabay Slim 62P4554			
CDC	One Communications Daughter Card (CDC) socket / customer accessible										Disks supported:			
Modem	56K <sup>6</sup> V.90 (V.92-designed <sup>25</sup> ) modem in CDC / Conexant® chipset										• 30GB Hard Disk 09N4268			
Bluetooth™	Some: Bluetooth wireless technology / in CDC (with modem)										• 40GB HS Hard Disk 08K9816			
Ethernet	Intel PRO/1000 Gigabit Ethernet / on systemboard / Intel 82541GI chipset (MAC/PHY)										• 80GB HS Hard Disk 09N4273			
Audio support	Soft audio / ICH AC97 controller / DirectSound® support / AD1981B AC97 codec / mono speaker / 0.5 watt / volume up, down, mute buttons / internal mic / microphone input jack (3.5 mm; pink) / headphone jack (3.5 mm; green)										Other features:			
Security	Power-on password / dual hard disk password / supervisor password / security keyhole										• Power button (front)			
Security chip	<b>IBM Embedded Security Subsystem 2.0<sup>33</sup></b> / hardware key storage / multi-factor authentication / local file encryption / enhances VPN security <sup>16</sup> / TCG-compliant										• Stereo speakers (1 watt)			
Limited warranty <sup>12</sup>	<b>1 year - EasyServ™<sup>19</sup> onsite pickup and delivery / service upgrades<sup>22</sup> available</b>										• Security key lock, security keyhole, and optical security screw			
128MB PC2700 DDR-SDRAM CL2.5 SOD	31P9828	IBM ThinkPad X4 UltraBase Dock										92P3429	• Serial and parallel ports	
256MB PC2700 DDR-SDRAM CL2.5 SOD	31P9830	40GB Mini Hard Disk 9.5mm (4200 rpm)										09N4283	• PS/2 port for keyboard or mouse	
512MB PC2700 DDR-SDRAM CL2.5 SOD	31P9832	ThinkPad X40 Series Li-Ion Battery (4-cell)										92P1009	• Analog DB-15 monitor port	
1GB PC2700 DDR-SDRAM CL2.5 SOD	31P9834	ThinkPad X40 Series Li-Ion Battery (8-cell)										92P1005	• Three USB 2.0 ports (via USB hub)	
IBM USB Portable Diskette Drive	05K9276	ThinkPad X40 Series Extended Life Battery 92P1006											• Ethernet port (Gigabit Ethernet)	
IBM USB 2.0 Portable Multi-Burner Drive	22P9163	ThinkPad Ultraportable 56W AC Adapter										02K6880	• Modem port	
IBM 11a/b/g Wireless CardBus Adapter	31P9101	ThinkPad 72W AC/DOR Combo Adapter										22P9010	• Retractable feet; 1.3 lb; 580g	
IBM 11a/b/g Wireless Mini PCI Adapter II	73P4301	ServicePac® <sup>22</sup> 1yr IOR 9x5 NBD										30L9188	56 watt AC Adapter	
Intel PRO/Wireless 2200BG Mini PCI	73P2801	Other options at <a href="http://ibm.com/pc/us/accessories">ibm.com/pc/us/accessories</a>											Asset ID™ <sup>34</sup> (system-specific info in chip accessed over network)	
													ACPI 1.0b and 2.0-compliant	
													International Warranty Service <sup>17</sup>	
													24 hour x 7 day <sup>18</sup> toll-free warranty support during the warranty <sup>12</sup>	



Type-model	Processor	GHz	Memory	Screen	Disk	Optical	UltraBase	ThinkPad	X4 UltraBase™	Mini PCI	wireless	CDC: modem/Sec	Bluetooth™	chip	cells	Preload	warranty <sup>12</sup>	Avail	date	
2386-5FU	Pentium® M 1.3	256MB	12.1" XGA	40GB				Optional	* Intel 11b/g Wi-Fi <sup>32</sup>	Modem	Yes	4	XP Pro	1 year	May 2004					
2386-6RU	Pentium M 1.3	256MB	12.1" XGA	40GB	Combo			X4 UltraBase	* Intel 11b/g Wi-Fi	Modem	Yes	8	XP Pro	1 year	May 2004					
2386-8RU	Pentium M 1.3	512MB	12.1" XGA	40GB	Combo			X4 UltraBase	* Intel 11b/g Wi-Fi	Modem	Yes	8	XP Pro	1 year	May 2004					
<ul style="list-style-type: none"><li>• These small and medium business (SMB) models are part of the IBM US Think Express Program</li><li>• The 2386 has a 1 year limited warranty</li></ul>																				
Positioning Processor	Ultimate mobility in a versatile ultraportable; one spindle Intel® Pentium® M Processor Low Voltage 1.3GHz with enhanced Intel SpeedStep™ technology <sup>1</sup> and 400MHz system bus													SOFTWARE <sup>14</sup>						
L2 cache	1MB / on die (at processor speed) / ECC													Windows XP Professional						
Memory	256 or 512MB std / 1.28 to 1.53GB max <sup>7</sup> / PC2700 333MHz DDR1 (DDR-SDRAM) / non-parity / CL2.5 / 5FU/6RU: std memory soldered to systemboard; one 200-pin SO-DIMM socket available 8RU with 512MB: 256MB soldered to board; one 256MB SO-DIMM in 200-pin socket													- Microsoft® Windows® XP Professional <sup>20</sup> ♦ Disk-to-Disk Recovery (in hidden protected area)						
Diskette drive	None standard / use optional USB-based diskette drive													Preloaded						
Combo	Some: DVD-ROM/CD-RW / 24X/24X/24X/8X <sup>21</sup> speed / removable from X4 UltraBase													• Access IBM						
Ultrabay™ Slim	Supports Ultrabay Slim devices in optional or standard X4 UltraBase Dock													• Access Connections						
Disk	40GB <sup>8</sup> (4200 rpm), 9.5mm, ATA-100 / 1.8" platter / removable and upgradable / 9.5mm high bay / IBM Active Protection System (shock protection)													• Adobe Reader						
Display	12.1" (308mm) XGA (1024x768) TFT color / Active Matrix / 150 nits													• IBM Rescue and Recovery™						
Graphics	Integrated Intel Extreme™ Graphics 2 / in 855GME GMCH / uses main memory (up to 64MB) / 266MHz													• Norton AntiVirus (OEM edition)						
Graphics external	External monitor support via analog DB-15 connector / up to 1600x1200x16.7M at 85Hz													• PC-Doctor™						
Keyboard	Standard-size <sup>26</sup> keys / 97% size of T Series / 87-key / 18.5mm pitch; 2.5mm stoke / Access IBM button / palm rest / TrackPoint®, "Press-to-Select," Internet Scroll Bar <sup>13</sup> / soft dome TrackPoint cap / ships with classic dome and soft rim TrackPoint cap Illuminates the keyboard to improve visibility in low-light conditions													• IBM Update Connector™ <sup>15</sup>						
ThinkLight®														• InterVideo WinDVD (DVD, combo)						
Dimensions <sup>3</sup>	4-cell without X4 UltraBase: 10.5" x 8.3" x .81-1.06"; 268mm x 211mm x 20.6-26.9mm 8-cell without X4 UltraBase: 10.5" x 9.3" x .81-1.06"; 268mm x 237mm x 20.6-26.9mm 8-cell with X4 UltraBase and optical: 10.7" x 9.3" x 1.5-2.0"; 272 x 237 x 38.2-50.4mm 4-cell with battery: 2.7 lb (1.23kg); 8-cell with battery: 3.2 lb (1.47kg); 8-cell battery and X4 UltraBase with combo: 5.0 lb (2.26kg)													• RecordNow and DLA (combo)						
Weight <sup>2</sup>														Downloadable						
Case material	Color: black; All: magnesium alloy													• IBM Director Agent						
Battery - type	Li-Ion 4- or 8-cell / intelligent / supports optional Extended Life Battery on base (for two batteries) / supports optional battery in X4 UltraBase Dock (for two batteries)													• Software Delivery Assistant						
Battery - life <sup>10</sup>	4-cell models: 3.5 hr; 8-cell models: 7.5 hr; with 8-cell and optional Extended Life Battery: up to 10 hr													• System Migration Assistant						
Architecture	Intel 855GME chipset / 82852GME Memory Controller Hub (MCH-M) / 82801DBM ICH4-M I/O Controller Hub (ATA-100 EIDE, PCI bus, Low Pin Count (LPC) interface, USB [Bluetooth]) / Intel 82802AC Firmware Hub / PCI bus 2.2 32-bit, 33MHz (ethernet, Ricoh® R5C511 CardBus controller, Mini PCI) / LPC bus 33MHz (PC87392 Super I/O for infrared [dock-based ports])													• IBM Client Security Software (for security chip)						
Mobile media base	Some: X4 UltraBase Dock (see right side)													License (CD not included)						
Secure Digital slot	One Secure Digital Card slot / supports SD memory cards used in consumer devices													- Lotus® SmartSuite® Millennium and Lotus Notes® Stand-alone Client						
PC Card Std slot	One Type I or one Type II / CardBus 32-bit / PCMCIA 2.1 / integrated door																			
Ports	Two USB (version 2.0), plus one powered USB port for select IBM options / external DB-15 monitor / infrared (4Mbps) / RJ-11 (modem) / RJ-45 (ethernet) / no serial, parallel, keyboard/mouse ports (use X4) / no IEEE 1394 port													ThinkPad notebooks implement IBM ThinkVantage™ technologies and design; visit <a href="http://ibm.com/thinkvantage">ibm.com/thinkvantage</a>						
Wireless antenna	UltraConnect™ antenna built into the display cover for optimal wireless signal reception													IBM ThinkPad X4 UltraBase™ Dock (standard with 6RU/8RU)						
Mini PCI	One Mini PCI type III slot (Communications Bay) / customer upgradeable													• Provides desktop expansion and cable management for the X40						
Intel 11b/g <sup>32</sup>	11b/g Wi-Fi <sup>32</sup> wireless <sup>4</sup> , Mini PCI, Intel PRO/Wireless 2200BG, Intel 82532 chipset													• Easily connects to the bottom of the X40 for traveling						
CDC	One Communications Daughter Card (CDC) socket / customer accessible													• Converts the X40 to a two-spindle system by supporting optional Ultrabay Slim accessories in left side:						
Modem	56K <sup>6</sup> V.90 (V.92-designed <sup>29</sup> ) modem in CDC / Conexant® chipset													– Ultrabay Slim Li-Polymer Battery						
Bluetooth™	None													3-cell 08K8190						
Ethernet	Intel PRO/1000 Gigabit Ethernet / on systemboard / Intel 82541GI chipset (MAC/PHY)													– CD-RW/DVD Combo II Ultrabay Slim Drive 73P3288						
Audio support	Soft audio / ICH AC97 controller / DirectSound® support / AD1981B AC97 codec / mono speaker / 0.5 watt / volume up, down, mute buttons / internal mic / microphone input jack (3.5 mm; pink) / headphone jack (3.5 mm; green)													– ThinkPad Multi-Burner Ultrabay Slim Drive 73P3294						
Security	Power-on password / dual hard disk password / supervisor password / security keyhole													– Second HDD Adapter for Ultrabay Slim 62P4554						
Security chip	IBM Embedded Security Subsystem 2.0 <sup>33</sup> / hardware key storage / multi-factor authentication / local file encryption / enhances VPN security <sup>16</sup> / TCG-compliant													Disks supported:						
Limited warranty <sup>12</sup>	1 year - EasyServ™ <sup>19</sup> onsite pickup and delivery / service upgrades <sup>22</sup> available													• 30GB Hard Disk 09N4268						
128MB PC2700 DDR-SDRAM CL2.5 SOD	31P9828													• 40GB HS Hard Disk 08K9816						
256MB PC2700 DDR-SDRAM CL2.5 SOD	31P9830													• 80GB HS Hard Disk 09N4273						
512MB PC2700 DDR-SDRAM CL2.5 SOD	31P9832													Other features:						
1GB PC2700 DDR-SDRAM CL2.5 SOD	31P9834													• Power button (front)						
IBM USB Portable Diskette Drive	05K9276													• Stereo speakers (1 watt)						
IBM USB 2.0 Portable CD-RW Drive	22P5297													• Security key lock, security keyhole, and optical security screw						
IBM Powered USB 2.0 Port Combo Drive	22P9194													• Serial and parallel ports						
IBM USB 2.0 Portable Multi-Burner Drive	22P9163													• PS/2 port for keyboard or mouse						
IBM USB 2.0 Memory Key 512MB	22P9230													• Analog DB-15 monitor port						
40GB Mini Hard Disk 9.5mm (4200 rpm)	09N4283													• Three USB 2.0 ports (via USB hub)						
Kensington® MicroSaver® Security Cable	73P2582													• Ethernet port (Gigabit Ethernet)						
IBM 11a/b/g Wireless CardBus Adapter	31P9101													• Modem port						
IBM 11a/b/g Wireless Mini PCI Adapter II	73P4301													• Retractable feet; 1.3 lb; 580g						
Intel PRO/Wireless 2200BG Mini PCI	73P2801													56 watt AC Adapter						
SonyEricsson® GC83 EDGE PC Card	26K3393													Asset ID™ <sup>34</sup> (system-specific info in chip accessed over network)						
IBM M400 Projector	0037A04													ACPI 1.0b and 2.0-compliant						
IBM ThinkPad X4 UltraBase Dock	92P3429													International Warranty Service <sup>17</sup>						
ThinkPad X40 Series Li-Ion Battery (4-cell)	92P1009													24 hour x 7 day <sup>18</sup> toll-free warranty support during the warranty <sup>12</sup> via 800-IBM-SERV (426-7378)						
ThinkPad X40 Series Li-Ion Battery (8-cell)	92P1005																			
ThinkPad X40 Series Extended Life Battery	92P1006																			
ThinkPad Multiple Battery Charger II	22P9040																			
ThinkPad Ultraportable 56W AC Adapter	02K6880																			
ThinkPad 72W AC/DC Combo Adapter	22P9010																			
IBM 4GB Microdrive™ with PC Card	09N4280																			
IBM Enh Perf Wireless Keybd and Mouse	73P4067																			
ServicePac® <sup>22</sup> 1yr IOR 9x5 NBD	30L9188																			
ServicePac 2yr IOR 9x5 NBD	30L9189																			
ServicePac 3yr IOR 9x5 NBD	30L9195																			
ServicePac 5yr IOR 9x5 NBD	30L9196																			
ServicePac 3yr P&L P/U Depot	30L9192																			
ServicePac 5yr P&L P/U Depot	69P9197																			
Other options at <a href="http://ibm.com/pc/us/accessories">ibm.com/pc/us/accessories</a>																				

See footnotes for important warranty information  
 US models announced May 18, 2004  
 US models withdrawn effective January 2005

\* Powered by Intel Centrino™ mobile technology

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