



Lenovo ThinkPad X1 Carbon (1st Gen)



Lenovo USB 2.0 Ethernet Adapter 0A36322



ThinkPad 90W AC Adapter for X1 Carbon (1st Gen) 0B46994



Lenovo ThinkPad X1 Carbon (1st Gen)



Lenovo ThinkPad X1 Carbon (1st Gen)

ThinkPad X1 Carbon (1st Gen) 3444 (TopSeller)

Type-model	Processor	Memory	Widescreen display	Camera	Disk SATA GB [®] rpm	PCle F Mini Card WLAN	PCIe Mini Car WWAN/ mSATA	d Carrier	Finger print reader	Blue- tooth	Intel AMT	Intel vPro	Preload (Ann Date (mm/yy)
3444-54U	i5-3427U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S28	Ericsson	AT&T	Finger	BT	iAMT	vPro	Pro 64	08/12
3444-53U	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	iAMT	vPro	Pro 64	08/12
3444-52U	i5-3317U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	None	None	Pro 64	08/12
3444-4ZU	i5-3317U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	None	None	Pro 64	08/12
3444-2KU	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	iAMT	vPro	Pro 64	08/12
3444-2HU	i5-3317U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	None	None	Pro 64	08/12
3444-2GU	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Pro 64	08/12
3444-2DU	i5-3427U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Pro 64	08/12
3444-28U	i7-3667U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Pro 64	08/12
3444-25U	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Pro 64	08/12
3444-BFU	i5-3427U	8GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Pro 64	10/12
3444-BEU	i5-3427U	8GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Pro 64	10/12

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
 A depot repair service 3-year limited warranty

DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.66GHz), HT technology Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Possible	Processor	Ultralight, durable, secure, and stylish Ultrabook™; one spindle	Preloaded operating system ²⁰
Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology 4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets Optical SATA disk SATA disk SATA disk SATA disk None Widescreen display 300 nits, 16:9 aspect ratio, 400 of contrast ratio 400 intel HD Graphics 4000; Preloaded applications¹⁴ (only sold) is to support sold independent display; and independent display; and independent display; Max external digital monitor support via Mini DisplayPort to VGA Monitor Cable 0A36536); supports VGA analog monitor via Mini DisplayPort) @ 60Hz. Keyboard 6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® once the control of the processor. Sold of the control of the processor of thinkLight™ buttonless glass surface touchpad below keyboard, multi-touch None Keyboard 14.0W* (Wx0xH): 13.0° x 8.9° x 0.31-0.74°; 331mm x 226mm x 8.0-18.8mm Magnesium/Aluminum None None	Processor	Intel® Core™ i5-3317U processor (2 cores, 1.70GHz, 3MB cache), Intel HD Graphics 4000, DDB3 memory controller (up to 1600MHz). Intel Turbo Boost 2.0 (2.60GHz), HT technology	Genuine Windows® 7 Professional 64
Intel Core 17-3667U processor (2 cores, 2.0GHz, 4MB cache). Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Memory 4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets None SATA disk SATA disk SSD None Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor None Widescreen display Camera 14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (Supports VGA analog monitor via Mini DisplayPort) (Supports VGA analog monitor via Mini DisplayPort) (Supports VGA analog monitor via Mini DisplayPort) (B0Hz) Keyboard Keyboard FrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ None 14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery; from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Battery - type Battery - type Battery - life" Battery - life" Chipset Multicard reader Multicard reader Monitor Cable PCIe Mini Card Two PCI Express Mini Card slots		Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000,	
DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology 4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets None SATA disk MSD Widescreen display Camera Graphics Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60Hz Keyboard TrackPoint® Intel Auxilia (UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ Integrated battery: from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card Two PCIE Express Mini Card Slots			
## Pelsawdord Manager AGB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets Optical SATA disk mSATA™ SSD None		DDR3 memory controller (up to 1600MHz). Intel Turbo Boost 2.0 (3.20GHz). HT technology	
Optical SATA disk Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor None Widescreen 14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 contrast ratio 4D720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort) @60Hz Keyboard 6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint* TrackPoint* TrackPoint* Onch None Weight² UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated battery 4-lin-1 reader (SD, SDHC, SDXC, MMC) None Mobile Intel QS77 Express Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable SI August 2 August	Memory	7 (1 7, 6)	
SAIA disk mSATA™ SSD None Widescreen display Camera HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort) (supports VGA analog monitor vi	Optical	None	
ThinkVantage Product Recover display and the processor of the processor			Lenovo® Solution Center
Camera	Widescreen	14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight,	ThinkVantage Product Recovery
Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60Hz Keyboard 6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® Dointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery: from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated battery (45.8Whr): up to 8.2 hr Mobile Intel QS77 Express Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card Two PCI Express Mini Card slots ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage by SugarSync Lenovo Cioud Storage ThinkVantage Power Manager Lenovo Cloud Storage ThinkVantage Power Manager Lenovo Cloud Storage ThinkVantage Power Manager Lenovo Cloud Storage			
external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60Hz Keyboard Keyboard FrackPoint® TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions® Meight® Case material Battery - type Battery - type Battery - life¹⁰ Display cover: Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card Two PCI Express Mini Card slots TinikVántage System Update ThinkVantage System Update ThinkVántage System Update ThinkUantage Duspalled ThinkUantage Duspals ThinkUantage ThinkUantage ThinkSantage ThinkVántage ThinkUantage ThinkUantag			
(supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz Keyboard 6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® DirackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ Touchpad UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery: from 3.0 lb (1.36kg) Case material Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated battery (45.8Whr): up to 8.2 hr Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card Two PCI Express Mini Card slots	Graphics	Intel HD Graphics 4000 in processor,	ThinkVantage System Update
Supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60Hz Keyboard FrackPoint® TrackPoint® TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ Touchpad UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Meight² Integrated battery: from 3.0 lb (1.36kg) Case material Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated Lithium Polymer 4-cell RapidCharge battery Battery - life¹⁰ Integrated battery (45.8Whr): up to 8.2 hr Chipset Multicard reader ExpressCard Ports Mobile Intel QS77 Express Chipset Multicard reader (SD, SDHC, SDXC, MMC) None PCIe Mini Card Two PCI Express Mini Card slots			ThinkVantage Power Manager ThinkVantage Power Manager
Keyboard Forw, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ TrackPoint® DiltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery: from 3.0 lb (1.36kg) Case material Solution: Magnesium/Aluminum Battery - type Battery - life¹¹0 Integrated battery (45.8Whr): up to 8.2 hr Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card 6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ 1. Lénovô SimpleTap Microsoft® Office preloaded; purchase a product key to active to active they to active they to active they active they are pointing device, "Press-to-Select," Internet Scroll Bar¹³ 1. Lénovô SimpleTap Microsoft® Office preloaded; purchase a product key to active they are they active they are they are they active they active they are they active t		supports dual independent display:	
TrackPoint® TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ Touchpad UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ 14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Weight² Integrated battery: from 3.0 lb (1.36kg) Case material Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Battery - type Battery - life¹0 Integrated battery (45.8Whr): up to 8.2 hr Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch Nore Norton™ Internet Security 2012 (30 days of virus definitions) • Adobe® Reader® • Skype™ for Windows • Evernote® • Symantec™ VIP • Windows Live™ Essentials Windows Live™ Essentials For the point of t			Lenovo SimpleTap
Touchpad ThinkLight™ buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ Dimensions³ the property of the property			
ThinkLight™ None Dimensions³			
Weight ² Integrated battery: from 3.0 lb (1.36kg) Case material Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Battery - type Battery - life¹0 Integrated battery (45.8Whr): up to 8.2 hr Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card Weight² Integrated battery: from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Symantec™ VIP Windows Live™ Essentials Monidows Evernote® Symantec™ VIP Windows Live™ Essentials Monidows Evernote® Symantec™ VIP Windows Live™ Essentials PCIe Mini Card Two PCI Express Mini Card slots			(30 days of virus definitions)
Case material Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Battery - type Battery - life¹¹⁰			
Battery - type Battery - life¹⁰			
Battery - type Battery - life¹¹⁰ Chipset Multicard reader ExpressCard Ports Monitor Cable PCIe Mini Card Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr Mobile Intel QS77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None PCIe Mini Card Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr Windows Live™ Essentials One USB 3.0, some powered USB 2.0, external monitor (Mini DisplayPort) None Two PCI Express Mini Card slots	Case material		Symantec™ VIP
Chipset Mobile Intel QS77 Express Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card Two PCI Express Mini Card slots		Integrated Lithium Polymer 4-cell RapidCharge battery	 Windows Live™ Essentials
Multicard reader 4-in-1 reader (SD, SDHC, SDXC, MMC) ExpressCard None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None PCIe Mini Card Two PCI Express Mini Card slots			
ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable PCIe Mini Card Two PCI Express Mini Card slots			
Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable None PCIe Mini Card Two PCI Express Mini Card slots			
PCIe Mini Card Two PCI Express Mini Card slots	Ports		
	PCIe Mini Card PCIe WLAN ⁴	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2	
PCIe WWAN Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, Supports ThinkVantage® technolo			Supports ThinkVantage® technologies
GPRS/WCDMA/HSPA/HSPA+, GPS 90-watt AC Adapter (RapidCharge	Camrian	GPRS/WCDMA/HSPA/HSPA+, GPS	90-watt AC Adapter (RapidCharge)
			ThinkPad Roll Cage (bottom cover)
Modem None EPEAT™ Gold rating Bluetooth™ Bluetooth 4.0 wireless ENERGY STAR® 5.2-compliant			
Ethernet None ROHS-compliant			ROHS-compliant '
Intel AMT Audio support Some: Intel Active Management Technology (iAMT) Audio support Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / 24 hour x 7 dav® toll-free support		Some: Intel Active Management Technology (IAMT) HD Audio Realtek® ALC3202 codes Dollow® Home Theater® v4 / stereo speakers 2 watt v 2 /	
volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack during the warranty period ¹²	Audio Support	volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic iack	24 hour x 7 day ¹⁸ toll-free support
Security Power-on password, hard disk password, supervisor password, security keyhole, reset switch		Power-on password, hard disk password, supervisor password, security keyhole, reset switch	, , , , , , , , , , , , , , , , , , ,
Security chip Trusted Platform Module, TCG 1.2-compliant For compatible accessories, pleas For compatible accessories, pleas For compatible accessories, pleas go to O-X1-C sheet;			For compatible accessories, please
, , , , , , , , , , , , , , , , , , , ,	i ingerprint reader		For Lenovo service ²² upgrade options,
Limited warranty ¹² 3-years /1-yr battery - depot repair service / service upgrades ²² available please go to QP-TA sheet	Limited warranty ¹²	3-years/1-yr battery - depot repair service / service upgrades ²² available	

ThinkPad X1 Carbon (1st Gen) 3444 (TopSeller) - Windows 8

Disk PCIe Mini Card Widescreen SATA Mini Card WWAN/ Type-model Processor Memory display Camera GB® rpm WLAN mSATA Carrie											Intel	Intel		Ann Date
Type-model			display	Camera	GB ⁸ rpm	WLAN	mSATA	Carrier	reader	tooth	AMT	vPro	Preload	(mm/yy)
3444-BDU	i5-3427		14.0" HD+	720p	256G SSD	Intel 6205S ²⁸	None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-BCU			14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-B9U	i5-3427		14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-B8U	i5-3427		14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-B7U	i7-3667		14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger		IAMT	vPro	Win7 Pro64	
3444-AZU 3444-59U	i5-3317l i5-3427l		14.0" HD+ 14.0" HD+	720p 720p	128G SSD 256G SSD	Intel 6205S Intel 6205S	None None	None	Finger		None	vPro	Win7 Pro64 Win8 Pro64	
3444-55U	i5-34270		14.0" HD+	720p	128G SSD	Intel 6205S	None	None None	Finger Finger		None		Win8 Pro64	
3444-FGU			14.0" HD+	720p	240G FDE SSD		None	None	Finger		iAMT	vPro	Win8 Pro64	
3444-FFU			14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win8 Pro64	
	i7-3667		14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win8 Pro64	
3444-FDU			14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger			vPro	Win8 Pro64	
	i7-3667		14.0" HD+	720p	240G FDE SSD		Ericsson		Finger		iAMT	vPro	Win8 Pro64	
3444-FBU			14.0" HD+	720p	180G SSD	Intel 6205S	Ericsson		Finger		iAMT	vPro	Win8 Pro64	
3444-FAU	i7-3667		14.0" HD+	720p	240G FDE SSD		None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-F9U	i7-3667		14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger			vPro	Win7 Pro64	
3444-F8U	i7-3667l		14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-F7U	i7-3667		14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-BBU	i5-3427l		14.0" HD+	720p	240G FDE SSD		None	None	Finger		iAMT	vPro	Win7 Pro64	
3444-BAU	i5-3427l		14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win7 Pro64	10/12
3444-AWU			14.0" HD	720p	120G SSD	Intel 6205S	None	None	Finger		None	None	Win7 Pro64	
3444-5AU	i7-36671	J 4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger		iAMT	vPro	Win8 Pro64	10/12
3444-56U	i5-3427l	J 4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Win8 Pro64	
Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology Preloaded application												vs® 7 Professi alled through ade rights in vs 8 Pro 64-bi vs 8 Pro 64-bi	onal 64 t t	
Memory	40	GB or 8GB /	PC3-10600	1333MF	Iz DDR3L / solder	ed to systemb	oard, no so	ockets			ed)		(01)	,
Optical SATA disk mSATA™ S	Optical None												odels age Center Pl Product Reco	
Widescreer display Camera	S	200 n ome: 14.0 " 300 n	its, 16:9 asp (355mm) H its, 16:9 asp	ect ratio D+ (160) ect ratio	(768) TFT color, a , 400:1 contrast ra (7x900) TFT color, , 400:1 contrast ra le, low light sensiti	tio anti-glare, LE tio	D backligh	t,		• / • L	Access ThinkVa _enovo Vindo v	Conne	ctions™ Power Manag Tap odels	,
Graphics	e> (s sı	rternal digita upports VG upports dual	A analog mo independer	pport via nitor via t display	Mini DisplayPort Mini DisplayPort t		r Cable 0A	36536);		• L	_enovo \II moc _enovo		aunch n Center	
Keyboard	6-	row, ThinkV	antage butto	n, LED b	acklit, spill-resista	ınt, multimedia	Fn keys						tware (finger	orint
TrackPoint® Touchpad ThinkLight™	U				s-to-Select," Intern se touchpad below					• I	nodels) ₋enovo) Cloud :	Storage	
Dimensions Weight ²	s ³ 14	4.0W" (WxD	xH): 13.0"		0.31-0.74"; 331m	m x 226mm x	8.0-18.8m	m		• 1	by Suga Microso burchas	oft® Offic	ce preloaded; duct key to a	ctivate
Case mater	B	oṫtom:	: Ćarbon Fi Magnesiu	m/Alumi	num RapidCharge batte									
Battery - typ Battery - life Chipset	e ¹⁰ In	tegrated ba	ttery (45.8W QS77 Expre	hr): up to	8.2 hr	51 y				4				
Multicard re ExpressCar	eader 4- rd N	in-1 reader one	(SD, SDHC,	SDXC, I	MMC)	au (Mini Bi	Da ::4\							
Ports Monitor Cal	ole N	one	•		2.0, external monit	or (IVIINI DISPla	yPort)			_				
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN PCIe WWAN Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA/HSPA+, GPS													antage® techn ter (RapidCha	
Carrier Modem Bluetooth™	N Bl	one uetooth 4.0	•	equired w	vith service provide	er				Th EP EN	inkPad EAT™ IERGY	Roll Ca Gold ra STAR®	ige (bottom c ting 5.2-complian	over)
Ethernet Intel AMT Audio supp	Sort H	D Audio, Re	altek® ALC3	202 code	echnology (iAMT) ec, Dolby® Home 1	「heater® v4 / s								
Security Security chi	Po ip Tr	ower-on pas usted Platfo	sword, hard rm Module,	disk pas TCG 1.2		password, se	curity keyh			For compatible accessories, please				
	Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip											go to O-X1-C sheet; For Lenovo service ²² upgrade options,		
Limited war	ranty ¹² 3-	years /1-yr b	attery - dep	ot repair	service / service u	pgrades22 ava	ilable			ple	ase go	to QP-	TA sheet	

			Widescree		Disk SATA	Mini Card	Cle Mini Ca WWAN/			Blue-	Intel	Intel		Ann Date
Type-model	Processor	Memory	display	Camera	GB [®] rpm	WLAN	mSATA	Carrier	reader	tooth	AMT	vPro	Preload	(mm/yy)
3444-GBU	i5-3427U	4GBx1	14.0" HD	720p	128G SSD	Intel 6205S28	None	None	Finger	BT	iAMT	vPro	Win7 Pro64	02/13
3444-G9U	i5-3427U	4GBx1	14.0" HD	720p	128G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Win8 Pro64	02/13
3444-G8U	i5-3337U	4GBx1	14.0" HD	720p	128G SSD	Intel 6205S	None	None	Finger	BT	None	None	Win8 Pro64	02/13
3444-G7U	i5-3337U	4GBx1	14.0" HD	720p	128G SSD	Intel 6205S	None	None	Finger	BT	None	None	Win7 Pro64	02/13
3444-H3U	i5-3337U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	None	None	Win8 Pro64	04/13
3444-GYU	i7-3667U	8GBx1	14.0" HD+	720p	240G FDE SSD	Intel 6205S	Ericsson	selectable	Finger	BT	iAMT	vPro	Win7 Pro64	04/13
3444-GXU	i5-3427U	4GBx1	14.0" HD+	720p	180G SSD	Intel 6205S	Ericsson	selectable	Finger	BT	iAMT	vPro	Win7 Pro64	04/13
3444-GVU	i5-3337U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	None	None	Win7 Pro64	04/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
 A depot repair service 3-year limited warranty

Positioning Processor	Ultralight, durable, secure, and stylish Ultrabook™; one spindle Intel® Core™ i5-3337U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit - Preloaded applications ⁵ (only some
Memory	4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets	listed)
Optical SATA disk mSATA™ SSD	None Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor None	Windows 7 models Lenovo® Message Center Plus ThinkVantage Product Recovery
Widescreen display	Some: 14.0" (355mm) HD (1366x768) TFT color, anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 contrast ratio	Access Connections™ ThinkVantage Power Manager Lenovo SimpleTap Windows 8 models
Camera	HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Lenovo Support
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz	Lenovo Companion Lenovo QuickLaunch All models Lenovo Solution Center Password Manager
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None	Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery: from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr	Microsoft® Office preloaded; purchase a product key to activate
Chipset Multicard reader ExpressCard Ports Monitor Cable	Mobile Intel QS77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None	
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,	Supports ThinkVantage® technologies
Carrier Modem Bluetooth™ Ethernet Intel AMT	GPRS/WCDMA/HSPA+, GPS Some: User selectable, contract required with service provider None Bluetooth 4.0 wireless None Some: Intel Active Management Technology (iAMT)	90-watt AC Adapter (RapidCharge) ThinkPad Roll Cage (bottom cover) EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ROHS-compliant International Warranty Service¹7
Audio support Security	HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole, reset switch	24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
Security chip Fingerprint reade	Trusted Platform Module, TCG 1.2-compliant r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-X1-C sheet;
Limited warranty ¹	² 3-years /1-yr battery - depot repair service / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

Type-model	Processor Memory	Widescreen display	Camera	Disk SATA GB [®] rpm	PCIe PC Mini Card WLAN	WWAN/	rd Carrier	Finger print reader	Blue-	Intel	Intel		Ann Date (mm/yy)
	i7-3667U 8GBx1			·								Win8 Pro64	
	i5-3427U 4GBx1				Intel 6205S							Win8 Pro6	
3444-CWU	i5-3427U 4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Win8 Pro64	4 12/12
3444-CUU	i7-3667U 8GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	iAMT	vPro	Win8 Pro64	4 12/12
3444-H2U	i5-3427U 4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	Ericsson	selectable	Finger	BT	iAMT	vPro	Win7 Pro64	4 04/13
3444-GZU	i7-3667U 8GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	Ericsson	selectable	Finger	BT	iAMT	vPro	Win7 Pro64	4 04/13
3444-HBU	i5-3337U 4GBx1	14.0" HD+ Multi	720p	128G SSD	Intel 6205S	None	None	Finger	BT	None	No	Win8 Pro64	4 07/13

- Small and medium business (SMB) model(s), part of the US TopSeller™ Program
 A depot repair service 3-year limited warranty

Intel® Core® 15-3337U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DPR3 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (2.70GHz), HT technology Intel Core 15-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DPR3 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (2.80GHz), HT technology Intel Core 17-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DPR3 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), HT technology Intel Core 17-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DPR3 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), HT technology bring core 18-347 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), HT technology bring core 18-347 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), HT technology bring core 18-347 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), HT technology bring core 18-347 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), HT technology bring core 18-347 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), Intel HD Graphics 4000, Dressor (18-348 memory controller (up to 1600MHz), Intel Turbo Bost 2: 0 (3.20GHz), Intel HD Graphics 4000, Dressor (18-348 memory core 18-348 m			
Jemory 4GB or 8GB / PC2-10600 1333MHz DDR31_/ soldered to systemboard, no sockets None None SATA disk SATA™ SSD None 14.0" (355mm) HDa (1600x900) TFT color, anti-glare, LED backlight, 270 nits, 16:9 aspect ratio, 400:1 contrast ratio, MultiTouch screen supports ten-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, external digidal monitor support via Mini DisplayPort to VGA Monitor Cable 0A36536); supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60 Hz Geyboard fackPoint® joint fackPoint® pointing device, "Press-to-Select," Internet Scroil Bar¹a uchepad hinkLight™ buttonless glass surface touchpad below keyboard, multi-louch None 14.00" (WxDxH): 13.0" x 8.9" x 0.39-0.82"; 331mm x 226mm x 10.0-20.8mm Integrated battery: from 3.4 lb (1.54kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated battery (45.6Whr): up to 8.2 hr holipset Mobile Intel QST7 Express Chipset Autiticard reader Autiticard reader Autiticard reader Vorte WANN Cicle WMAN Cicle WMAN Cicle WMAN Cicle WMAN Cicle WMAN Some: ATE®, contract required with service provider None Bluetooth™ Using Lawrence Mobile Intel QST7 Express Chipset Some: User selectable, contract required with service provider None Bluetooth 4.0 wireless None Some: Late Selectable, contract required with service provider None Bluetooth 4.0 wireless None Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby* Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons, dual arranty periodic* For compatible accessories, please go to O-X1-C sheet; For compatible accessories, please go to O-X1-C sheet; For chemostary Bluetooth* Trusted Platform Module, TCG 1.2-compliant ingerprint reader Auther of R	Positioning Processor	Intel® Core™ i5-3337U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.70GHz), HT technology Intel Core i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000,	- Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit - Some: Windows 8 Pro 64-bit
Sölld State Drive (SSD) / SATA 6.06b/s, Small Form Factor None 14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight. 270 nits, 16:0 aspect raids, 40:0:1 contrast ratio, MutilTouch screen supports ten-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, external digidal monitor support via Mini DisplayPort to VGA Monitor Cable 0A36536); supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60 Hz Geyboard fackPoint® ouchpad TirackPoint® pointing device, "Press-to-Select," Internet Scroil Bar¹s UltraNav", butnonless glass surface touchpad below keyboard, multi-louch None 14.00" (WxDxH): 13.0" x 8.9" x 0.39-0.82"; 331mm x 226mm x 10.0-20.8mm Integrated battery; from 3.4 lb (1.54kg) Display cover: Carbon Fiber; Boltom: Magnesium/Aluminum Integrated battery (45.8Whr): up to 8.2 hr Mobile Intel GS77 Express Chipset Autilicard reader Autilicard reader Vortes WANN Cicle WMAN Cicle WMAN Cicle WMAN Cicle WMAN Cicle WMAN Some: AT81®, contract required with service provider None Bluetooth 4.0 wireless Some: Les research in Card sids Some: Les research in Card sids security with service provider None Bluetooth 4.0 wireless Some: Les research and contract required with service provider None Bluetooth 4.0 wireless None Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby* Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons, oupports the security chip Evecurity chip Fore compatible accessories, please go to O.X1-C sheet; Foreomatilea cacessories, please go to O.X1-C sheet; Foreomatilea	Memory	4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets	
display 270 nits, 16:9 áspect ratio, 400:1 contrast ratio, MultiTouch screen supports ten-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60Hz (eyboard TrackPoint*) Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60Hz (eyboard TrackPoint*) TrackPoint*) pointing device, "Press-to-Select." Internet Scroll Bar¹³	Optical SATA disk mSATA™ SSD	Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor	Lenovo® Message Center Plus ThinkVantage Product Recovery
Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort) @ 60Hz (Keyboard frackPoint*) Grow, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint*) DisplayPort by UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None Dimensions³ 14,40W″ (WxDxH): 13.0° x 8.9° x 0.39-0.82°; 331mm x 226mm x 10.0-20.8mm Integrated battery: from 3.4 ib (1.54kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated Lithium Polymer 4-cell RapidCharge battery integrated battery (45.8Whr): up to 8.2 hr Display cover: Orabon Fiber; Monitor Cable Mobile Intel QST Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None CIcle Winh Card Cle WLAN¹ 1a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® HS321gw Mobile Broadband Module, PCIe Half Mini Card, PRS/WCDMA/HSPA/HSPA+, GPS Some: User selectable, contract required with service provider None	Widescreen display Camera	270 nits, 16:9 aspect ratio, 400:1 contrast ratio, MultiTouch screen supports ten-finger gesture	Lenovo SimpleTap
From the point of the point o	Graphics	external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display;	 Lenovo Support Lenovo Companion Lenovo QuickLaunch All models
Integrated battery: from 3.4 lb (1.54kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated Lithium Polymer 4-cell RapidCharge battery Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr	Keyboard TrackPoint® Touchpad ThinkLight™	6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch	Password Manager Fingerprint Software (fingerprint models)
Mobile Intel QS77 Express Chipset Aulticard reader ExpressCard One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None CCIe Mini Card CCIe WLAN ⁴ CCIe WLAN ⁴ CCIe WWAN Carrier Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA+, GPS Carrier Some: AT&T®, contract required with service provider Some: User selectable, contract required with service provider None Bluetooth 4.0 wireless None Sthernet None The I AMT Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole, reset switch Trusted Platform Module, TCG 1.2-compliant For compatible accessories, please go to O-X1-C sheet; For compatible accessories please go to O-X1-C sheet; For Lenovo service ²² upgrade options	Dimensions ³ Weight ² Case material Battery - type	Integrated battery: from 3.4 lb (1.54kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated Lithium Polymer 4-cell RapidCharge battery	Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security
Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card, GPRS/WCDMA/HSPA+, GPS Some: AT&T®, contract required with service provider Some: User selectable, contract required with service provider Modem Suleototh™ Bluetooth 4.0 wireless Shering Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole, reset switch Gecurity Chip Trusted Platform Module, TCG 1.2-compliant Singerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip Two PCI Express Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Supports ThinkVantage® technologies	Chipset Multicard reader ExpressCard Ports Monitor Cable	Mobile Intel QS77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort)	
Same: User selectable, contract required with service provider Some: User selectable, contract required with service provider None Bluetooth™ Bluetooth 4.0 wireless Thenret None Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole, reset switch Gecurity chip Trusted Platform Module, TCG 1.2-compliant Trusted Platform Module,	PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,	Supports ThinkVantage® technologies
None Bluetooth™ Bluetooth 4.0 wireless None Some: Intel Active Management Technology (iAMT) Audio support HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack over-on password, hard disk password, supervisor password, security keyhole, reset switch For compatible accessories, please go to O-X1-C sheet; For Lenovo service²² upgrade options	Carrier	Some: AT&T®, contract required with service provider	90-watt AC Adapter (RapidCharge)
Securitý chip Trusted Platform Module, TCG 1.2-compliant For compatible accessories, please go to O-X1-C sheet; Power On Authentication, supports the security chip For Lenovo service ²² upgrade options	Modem Bluetooth™ Ethernet Intel AMT Audio support	None Bluetooth 4.0 wireless None Some: Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack	EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ROHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support
imited warranty ¹² 3-years/1-yr battery - depot repair service / service upgrades ²² available please go to QP-TA sheet	Security chip Fingerprint reade	Trusted Platform Module, TCG 1.2-compliant r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	go to O-X1-C sheet; For Lenovo service ²² upgrade options,
	Limited warranty ¹²	² 3-years/1-yr battery - depot repair service / service upgrades ²² available	please go to QP-TA sheet

ThinkPad X1 Carbon (1st Gen) 3448

	Widescreen		Disk PCle PCle Mini Card SATA Mini Card WWAN/		Mini DP USB 2.0 to VGA Ethernet		Global (G) Intel GMP		(G)	Ann Date				
Type-model	Processor	Memory	display	Camera	GB [®] rpm	WLAN	mSATA	Carrier	Cable	Adapter	vPro	(P)	Preload	
3448-3AU	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S28	Ericsson	AT&T	None	None	vPro		Pro 64	08/12
3448-39U	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	Ericsson	AT&T	mDP-VGA	Ethernet	vPro		Pro 64	08/12
3448-34U	i5-3427U	8GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	None	None	vPro	G	Pro 64	08/12
3448-2MU	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	Ericsson	AT&T	None	None	vPro		Pro 64	08/12
3448-35U	i5-3427U	8GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	None	None	vPro	G	Pro 64	08/12
3448-25U	i7-3667U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	None	None	vPro	G	Pro 64	08/12
3448-24U	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	None	None	vPro	G	Pro 64	08/12
3448-23U	i5-3427U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	None	None	vPro	G	Pro 64	08/12
3448-22U	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	None	None	vPro	G	Pro 64	08/12

• A depot repair service 3-year limited warranty

Positioning Processor	Ultralight, durable, secure, and stylish Ultrabook™; one spindle Intel® Core™ i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only some listed)
Memory	4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets	 Rescue and Recovery™
Optical SATA disk mSATA™ SSD	None Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor None	Password Manager Preloaded applications ¹⁴ (only some listed)
Widescreen display Camera	14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Lenovo® Solution Center Lenovo Message Center Plus ThinkVantage Product Recovery
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz	 Access Connections™ Fingerprint Software (fingerprint models) ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage
Keyboard TrackPoint [®] Touchpad ThinkLight™	6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None	by SugarSync • Lenovo SimpleTap • Microsoft® Office preloaded; purchase a product key to activate
Dimensions ³ Weight ² Case material Battery - type Battery - life ¹⁰	14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery: from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr	 Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows Evernote® Symantec™ VIP
Chipset Multicard reader ExpressCard Ports Monitor Cable PCIe Mini Card	Mobile Intel QS77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Some: Mini DisplayPort to VGA Monitor Cable (0A36536) Two PCI Express Mini Card slots	 Windows Live™ Essentials
PCIe WLAN ⁴ PCIe WWAN	11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,	Supports ThinkVantage® technologies
Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support Security	GPRS/WCDMA/HSPA/HSPA+, GPS Some: AT&T®, contract required with service provider None Bluetooth 4.0 wireless Some: Lenovo USB 2.0 Ethernet Adapter Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole, reset switch	90-watt AC Adapter (RapidCharge) ThinkPad Roll Cage (bottom cover) EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ROHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support during the warranty period¹2
Security chip	Trusted Platform Module, TCG 1.2-compliant r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-X1-C sheet;
Limited warranty ¹	² 3-years /1-yr battery - depot repair service / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad X1 Carbon (1st Gen) 3448 (Windows 8)

			Widescreen		Disk SATA	PCIe P Mini Card	Cle Mini Ca WWAN/	rd	Finger	Dive		lobal GMP		Ann Date
Type-model	Processor	Memory	display	Camera	GB [®] rpm	WLAN	mSATA	Carrier	print reader	Blue- tooth		(P)	Preload	(mm/yy)
3448-5DU	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S ²⁸	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-5CU	i7-3667U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-5BU	i5-3427U	8GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-5AU	i5-3427U	8GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-59U	i5-3427U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-58U	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-95U	i7-3667U	8GBx1	14.0" HD+	720p	240G FDE SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	10/12
3448-94U	i7-3667U	8GBx1	14.0" HD+	720p	180G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	10/12
3448-AYU	i7-3667U	8GBx1	14.0" HD+	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-AXU	i7-3667U	8GBx1	14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-AWU	i7-3667U	8GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-AVU	i7-3667U	8GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	10/12
3448-BBU	i7-3667U	8GBx1	14.0" HD+	720p	240G FDE SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win7 Pro64	12/12
3448-B8U	i7-3667U	8GBx1	14.0" HD+	720p	180G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win7 Pro64	12/12
3448-B6U	i5-3427U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win7 Pro64	12/12
3448-B4U	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win7 Pro64	12/12
3448-B3U	i7-3667U	8GBx1	14.0" HD+	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro		Win7 Pro64	12/12
3448-B2U	i7-3667U	8GBx1	14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro		Win7 Pro64	12/12
3448-AZU	i5-3427U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro		Win7 Pro64	12/12
3448-CDU	i5-3427U	4GBx1	14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro		Win8 Pro64	02/13
3448-C4U	i5-3427U	4GBx1	14.0" HD+	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	02/13
3448-C3U	i5-3427U	4GBx1	14.0" HD+	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro		Win7 Pro64	02/13
3448-C2U	i5-3427U	4GBx1	14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger	BT	v Pro		Win7 Pro64	02/13
3448-CWU	i5-3427U	4GBx1	14.0" HD+	720p	120G SSD	Intel 6205S	None	None	Finger	BT	vPro		Win7 Pro64	03/14

A depot repair service 3-vear limited warranty

	Preloaded operating system ²⁰ - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory 4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets	- Some: Windows 8 Pro 64-bit
SATA disk Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor	Preloaded applications ⁵ (only some listed) - Windows 7 models
Widescreen display Camera 14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 Lenovo® Message Center Plus ThinkVantage Product Recovery Access Connections™
external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display;	 ThinkVantage Power Manager Lenovo SimpleTap Windows 8 models Lenovo Support Lenovo Companion
TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ Touchpad UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch ThinkLight™ None	 Lenovo QuickLaunch All models Lenovo Solution Center Password Manager
Weight ² Case material Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum Battery - type Integrated Lithium Polymer 4-cell RapidCharge battery	 Fingerprint Software (fingerprint models) Lenovo Cloud Storage by SugarSync Microsoft® Office preloaded;
Battery - life ¹⁰ Integrated battery (45.8Whr): up to 8.2 hr	purchase a product key to activate
Chipset Mobile Intel QS77 Express Chipset Multicard reader ExpressCard Ports One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) Monitor Cable None	
PCIe Mini Card Two PCI Express Mini Card slots PCIe WLAN ⁴ 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2	Ourse substitution of the second seco
Fole WWAN Sollie. Wileless WAN, Elicssoli 1732 19W Mobile Bloadballd Module, Fole Hall Willi Card,	Supports ThinkVantage® technologies
Carrier Some: AT&T®, contract required with service provider Modem None Bluetooth™ Bluetooth 4.0 wireless Ethernet None Intel AMT Intel Active Management Technology (iAMT)	90-watt AC Adapter (RapidCharge) ThinkPad Roll Cage (bottom cover) EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ROHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support during the warranty period¹²
Securitý chip Trusted Platform Module, TCG 1.2-compliant Fingerprint reader AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	For compatible accessories, please go to O-X1-C sheet; For Lenovo service ²² upgrade options,
, 11 , 1	please go to QP-TA sheet

ThinkPad X1 Carbon (1st Gen) 3448 (Windows 8) - MultiTouch

			Widescreen	Disk escreen SATA		PCIe PCIe Mini Card Mini Card WWAN/			Finger G			lobal (Ann Date
Type-model	Processor	Memory		Camera		WLAN	mSATA	Carrier	reader			(P)	Preload	(mm/yy)
3448-8SU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S28	None	None	Finger	BT	vPro	G	Win8 Pro64	12/12
3448-8RU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	12/12
3448-7PU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	12/12
3448-7NU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	12/12
3448-7MU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	12/12
3448-7FU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	12/12
3448-C8U	i7-3667U	8GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	02/13
3448-C7U	i7-3667U	8GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	02/13
3448-C6U	i7-3667U	8GBx1	14.0" HD+ Multi	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	02/13
3448-C5U	i7-3667U	8GBx1	14.0" HD+ Multi	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	G	Win8 Pro64	02/13
3448-CXU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	120G SSD	Intel 6205S	None	None	Finger	BT	vPro		Win7 Pro64	03/14

• A depot repair service 3-year limited warranty

Positioning	Ultralight, durable, secure, and stylish Ultrabook™; one spindle	Preloaded operating system ²⁰		
Processor	Intel® Core™ i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000,	- Windows® 8 Pro 64-bit		
	DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded applications ⁵ (only some listed)		
Memory	4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets	- Windows 7 models		
Optical SATA disk mSATA™ SSD	None Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor None	 Lenovo® Message Center Plus ThinkVantage Product Recovery ThinkVantage Power Manager Lenovo Simple Tap 		
Widescreen display Camera	14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 270 nits, 16:9 aspect ratio, 400:1 contrast ratio, MultiTouch screen supports ten-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	- Windows 8 models • Lenovo Support • Lenovo Companion		
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz	Lenovo QuickLaunch All models Lenovo Solution Center Password Manager Fingerprint Software (fingerprint		
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None	models) • Lenovo Cloud Storage by SugarSync • Microsoft® Office preloaded;		
Dimensions ³ Weight ² Case material	14.0W" (WxDxH): 13.0" x 8.9" x 0.39-0.82"; 331mm x 226mm x 10.0-20.8mm Integrated battery: from 3.4 lb (1.54kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum	 purchase a product key to activate Norton™ Internet Security (30 days of virus definitions) 		
Battery - type Battery - life10	Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr			
Chipset Multicard reader ExpressCard Ports Monitor Cable	Mobile Intel QS77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None			
PCIe Mini Card PCIe WLAN ⁴	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2			
PCIe WLAN	Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,	Supports ThinkVantage® technologies		
Carrier Modem	GPRS/WCDMA/HSPA+, GPS Some: AT&T®, contract required with service provider None	90-watt AC Adapter (RapidCharge) ThinkPad Roll Cage (bottom cover) EPEAT™ Gold rating		
Bluetooth™ Ethernet	Bluetooth 4.0 wireless None	ENERGY STAR® 5.Ž-compliant		
Intel AMT Audio support Security	Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole, reset switch	ROHS-compliant International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²		
Security chip	Trusted Platform Module, TCG 1.2-compliant r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-X1-C sheet;		
Limited warranty ¹²	² 3-years /1-yr battery - depot repair service / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet		

ThinkPad X1 Carbon (1st Gen) 3460 (Onsite)

See footnotes for more detailed information

			Widescreen		Disk SATA	PCIe Mini Card	PCIe Mini Care WWAN/	d	Finger print	Blue-	G Intel	lobal (G)	Ann Date
Type-model	Processor	Memory	display	Camera	GB ⁸ rpm	WLAN	mSATA	Carrier	reader	tooth	vPro	(P)	Preload	(mm/yy)
3460-37U	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S28	⁸ Ericsson	AT&T	Finger	BT	vPro		Pro 64	08/12
3460-36U	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Pro 64	08/12
3460-35U	i5-3427U	8GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Pro 64	08/12
3460-34U	i5-3427U	8GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Pro 64	08/12
3460-25U	i7-3667U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Pro 64	08/12
3460-24U	i7-3667U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Pro 64	08/12
3460-23U	i5-3427U	4GBx1	14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Pro 64	08/12
3460-22U	i5-3427U	4GBx1	14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Pro 64	08/12

 $\bullet \ Some \ models \ are \ part \ of \ the \ Global \ Models \ Plus \ program \ with \ limited \ onsite \ service^{24} \ 3-year \ limited \ warranty$

Positioning Processor	Ultralight, durable, secure, and stylish Ultrabook™; one spindle Intel® Core™ i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system ²⁰ Genuine Windows® 7 Professional 64 Ready to install applications ¹⁴ (only
Memory	4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets	some listed) ■ Rescue and Recoverv™
Optical SATA disk mSATA™ SSD	None Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor None	Password Manager Preloaded applications ¹⁴ (only some listed)
Widescreen display Camera	14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 400:1 contrast ratio HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	Lenovo® Solution Center Lenovo Message Center Plus ThinkVantage Product Recovery
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz	 Access Connections™ Fingerprint Software (fingerprint models) ThinkVantage System Update ThinkVantage Power Manager Lenovo Cloud Storage
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None	by SugarSync Lenovo SimpleTap Microsoft® Office preloaded; purchase a product key to activate
Dimensions ³ Weight ² Case material	14.0W" (WxDxH): 13.0" x 8.9" x 0.31-0.74"; 331mm x 226mm x 8.0-18.8mm Integrated battery: from 3.0 lb (1.36kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum	 Norton™ Internet Security 2012 (30 days of virus definitions) Adobe® Reader® Skype™ for Windows
Battery - type Battery - life ¹⁰	Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr	 Evernote[®] Symantec[™] VIP
Chipset Multicard reader ExpressCard Ports Monitor Cable	Mobile Intel QS77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None	Windows Live™ Essentials
PCIe Mini Card PCIe WLAN⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,	0 . Titly . 0
Couries	GPRS/WCDMA/HSPA/HSPA+, GPS	Supports ThinkVantage® technologies
Carrier Modem Bluetooth™ Ethernet Intel AMT Audio support	Some: AT&T®, contract required with service provider None Bluetooth 4.0 wireless None Intel Active Management Technology (iAMT) HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack	90-watt AC Adapter (RapidCharge) ThinkPad Roll Cage (bottom cover) EPEAT™ Gold rating ENERGY STAR® 5.2-compliant ROHS-compliant International Warranty Service¹7 24 hour x 7 day¹8 toll-free support
Security Security chip Fingerprint reade	Power-on password, hard disk password, supervisor password, security keyhole, reset switch Trusted Platform Module, TCG 1.2-compliant rAuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator,	during the warranty period ¹² For compatible accessories, please go to O-X1-C sheet;
Limited warranty ¹²	Power On Authentication, supports the security chip ² 3-years /1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time/service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet
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ThinkPad X1 Carbon (1st Gen) 3460 (Onsite) - Windows 8

					Finger										
Type-model	Process	or Memory	Widescreen display	Camera	SATA GB [®] rpm	Mini Card WLAN	WWAN/ mSATA	Carrier	print reader		Blue- Intel GMP tooth vPro (P) Preload				
3460-5CU	i7-3667		14.0" HD+	720p	128G SSD	Intel 6205S ²⁸	None	None	Finger		vPro	GP	Win8 Pro64	10/12	
3460-5DU 3460-5BU	i7-36671		14.0" HD+ 14.0" HD+	720p 720p	256G SSD 256G SSD	Intel 6205S Intel 6205S	None None	None None	Finger Finger		vPro vPro	G P G P	Win8 Pro64 Win8 Pro64	10/12 10/12	
3460-5AU	i5-3427		14.0" HD+	720p	128G SSD	Intel 6205S	None	None	Finger		vPro	GP	Win8 Pro64		
3460-59U	i5-3427		14.0" HD+	720p	256G SSD	Intel 6205S	None	None	Finger		vPro	GΡ	Win8 Pro64	10/12	
3460-58U 3460-B2U	i5-3427		14.0" HD+ 14.0" HD+	720p 720p	128G SSD 240G FDE SSD	Intel 6205S Intel 6205S	None	None AT&T	Finger		vPro vPro	GΡ	Win8 Pro64	10/12 10/12	
3460-AZU	i7-3667		14.0" HD+	720p	180G SSD	Intel 6205S	Ericsson Ericsson		Finger		vPro		Win8 Pro64 Win8 Pro64		
3460-AYU	i7-3667		14.0" HD+	720p	240G FDE SSD		None	None	Finger		vPro	GΡ	Win8 Pro64	10/12	
3460-AXU	i7-3667						Finger		vPro	GP	Win8 Pro64				
3460-AWU 3460-AVU	i7-3667U 8GBx1 14.0" HD+ 720p 256G SSD Intel 6205S None None Finge i7-3667U 8GBx1 14.0" HD+ 720p 128G SSD Intel 6205S None None Finge					Finger		vPro vPro	G P G P	Win8 Pro64 Win8 Pro64	10/12				
3460-BQU	i7-3667		14.0" HD+	720p		Intel 6205S	Ericsson		Finger		vPro	.	Win7 Pro64	12/12	
3460-BPU	i7-3667		14.0" HD+	720p	180G SSD	Intel 6205S	Ericsson		Finger		vPro		Win7 Pro64		
3460-BNU 3460-BGU	i5-3427		14.0" HD+ 14.0" HD+	720p 720p	256G SSD 128G SSD	Intel 6205S Intel 6205S	Ericsson Ericsson		Finger Finger		vPro vPro		Win7 Pro64 Win7 Pro64	12/12	
3460-BFU	i7-3667		14.0" HD+	720p		Intel 6205S	None	None	Finger		vPro		Win7 Pro64	12/12	
3460-BEU	i7-3667		14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger		vPro		Win7 Pro64		
3460-BDU	i5-3427		14.0" HD+	720p	256G SSD 128G SSD	Intel 6205S	None	None	Finger		vPro vPro		Win7 Pro64	12/12	
3460-BRU 3460-CHU	i5-3427		14.0" HD+	720p 720p	180G SSD	Intel 6205S Intel 6205S	None None	None None	Finger Finger		vPro		Win7 Pro64 Win7 Pro64	01/13	
3460-CFU	i5-3427		14.0" HD+	720p	180G SSD	Intel 6205S	None	None	Finger		vPro		Win8 Pro64		
3460-CBU	i5-3427		14.0" HD+	720p	240G FDE SSD		None	None	Finger		vPro	GΡ	Win8 Pro64	02/13	
3460-CAU 3460-DSU	i5-3427		14.0" HD+ 14.0" HD+	720p 720p	240G FDE SSD 120G SSD	Intel 6205S Intel 6205S	None None	None None	Finger Finger		vPro vPro		Win7 Pro64 Win7 Pro64		
Positioning							140110	140110	ringer	_		oner	ating system		
Processor									ology 1 000 ,	, - Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit					
Memory	40	GB or 8GB /	PC3-10600	1333M⊦	lz DDR3L / soldere	ed to systemb	oard, no so	ckets					vs 8 Pro 64-bi		
Optical SATA disk mSATA™ SS	Sc	one olid State Dr one	ive (SSD) / S	SATA 6.0	Gb/s, Small Form	Factor				liste	ed)	• •	cations⁵ (only	/ some	
Widescreen	14	1.0" (355mm	n) HD+ (1600 aspect ratio		FT color, anti-glar	re, LED backli	ght,			• L	 Windows 7 models Lenovo® Message Center Plus ThinkVantage Product Recovery 				
Camera					e, low light sensiti	ve, face tracki	ng, fixed fo	cus		• A	ccess	Conne	ctions™	1	
Graphics			hics 4000 in		sor, Mini DisplayPort						 ThinkVantage Power Manager Lenovo SimpleTap Windows 8 models Lenovo Support 				
					Mini DisplayPort to	o VGA Monito	Cable 0A3	36536);		- w					
			independen resolution: 2		; 00 (Mini-DisplayPo	ort)@60Hz						Suppo Compa			
Keyboard					acklit, spill-resista		Fn keys								
TrackPoint®	Tra	ackPoint® po	inting device	e, "Press	-to-Select," Interne	et Scroll Bar13	•				Lenovo QuickLaunch All models Lenovo Solution Center				
Touchpad ThinkLight™		itrainav™, bu one	ittoniess gias	ss suriac	e touchpad below	keyboard, mu	iti-touch				Lenovo Solution Center Password Manager				
Dimensions			xH): 13.0"	x 8.9" x	0.31-0.74"; 331mı	m x 226mm x	8.0-18.8mr	n		• F	ingerpi	rint Sof	ftware (fingerp	orint	
Weight ²			tery: from 3.		6kg)						odels)		Storage		
Case mater		ispiay cover: ottom:	Carbon Fi Magnesiu		num					b	y Suga	rSync	•		
Battery - typ Battery - life			nium Polyme <i>tery (45.8W)</i>		RapidCharge batte	ry							ce preloaded; oduct key to a		
Chipset			S77 Expres							┤ ′			, , , , , , , , , , , , , , , , , , , ,		
Multicard re		in-1 reader (one	(SD, SDĤC,	SDXC, N	ИМС)										
ExpressCar Ports			one powere	d USB 2	2.0, external monitor	or (Mini Displa	vPort)								
Monitor Cab		one	'							_					
PCIe Mini C PCIe WLAN			ess Mini Car		Mini Card, Intel C	ontrino® Adva	nood N 620	15C 2v2							
PCIe WWAN		ome: Wirele	ess WAN, Eri	csson® F	H5321gw Mobile B					Sun	norts 7	Think\/:	antage® techn	ologies	
Carrier	.Sr		S/WCDMA/H . contract re		PA+, GPS rith service provide	er				<u> </u>	·				
Modem	No	one		quirou n	ini ooi vioo provide								ter (RapidCha age (bottom c		
Bluetooth™ Ethernet		uetooth 4.0	wireless							EPE	EAT™ (Gold ra	ting`	<i>′</i>	
Intel AMT Intel Active Management Technology (iAMT)									STAR® npliant	5.2-complian	١				
Audio support HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack							Inte	rnation	nal War	ranty Service					
Security	Po	ower-on pas	sword, hard	disk pas	sword, supervisor								toll-free supp	ort	
Security chi Fingerprint	reader Au	uthenTec fing	rm Module, gerprint read	ler on pa	-compliant Ilm rest, swipe ser the security chip	sor, LED indic	ator,			For	during the warranty period ¹² For compatible accessories, please go to O-X1-C sheet:				
Limited war	ranty ¹² 3-	years/1-yea	r battery, lin	nited on	site service ²⁴ , 8 a	m - 5 pm, Mor	n - Fri cove	rage		For	For Lenovo service ²² upgrade options,				
	excluding holidays, next business day response time / service upgrades ²² available please go to QP-TA sheet														

			Widescreen	_	Disk SATA	Mini Card	PCIe Mini Ca WWAN/	-	Finger print	Blue-	Intel		-,	Ann Date
Type-model	Processor	Memory	display	Camera	GB ⁸ rpm	WLAN	mSATA	Carrier	reader	tooth	vPro	(P)	Preload	(mm/yy)
3460-AMU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S2	⁸ None	None	Finger	BT	vPro	GΡ	Win8 Pro64	12/12
3460-ALU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Win8 Pro64	12/12
3460-9WU	i7-3667U	8GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	12/12
3460-9VU	i7-3667U	8GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	12/12
3460-9UU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	12/12
3460-9TU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	Ericsson	AT&T	Finger	BT	vPro		Win8 Pro64	12/12
3460-9SU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Win8 Pro64	12/12
3460-9RU	i5-3427U	4GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Win8 Pro64	12/12
3460-CGU	i7-3667U	8GBx1	14.0" HD+ Multi	720p	256G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Win8 Pro64	02/13
3460-CEU	i7-3667U	8GBx1	14.0" HD+ Multi	720p	240G FDE SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Win8 Pro64	02/13
3460-CDU	i7-3667U	8GBx1	14.0" HD+ Multi	720p	180G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Win8 Pro64	02/13
3460-CCU	i7-3667U	8GBx1	14.0" HD+ Multi	720p	128G SSD	Intel 6205S	None	None	Finger	BT	vPro	GΡ	Win8 Pro64	02/13
3460-DTU	i5-3427U	4GBx1	14.0" HD+ <i>Multi</i>	720p	120G SSD	Intel 6205S	None	None	Finger	ВТ	vPro		Win7 Pro64	03/14

• Some models are part of the Global Models Plus program with limited onsite service24 3-year limited warranty

Destition to a	I the Political and the common and at the I there are 170, and a single office	Dural d - d
Positioning Processor	Ultralight, durable, secure, and stylish Ultrabook™; one spindle Intel® Core™ i5-3427U processor (2 cores, 1.80GHz, 3MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (2.80GHz), HT technology Intel Core i7-3667U processor (2 cores, 2.0GHz, 4MB cache), Intel HD Graphics 4000, DDR3 memory controller (up to 1600MHz), Intel Turbo Boost 2.0 (3.20GHz), HT technology	Preloaded operating system ²⁰ - Some: Windows [®] 7 Professional 64 preinstalled through downgrade rights in Windows 8 Pro 64-bit
Memory	4GB or 8GB / PC3-10600 1333MHz DDR3L / soldered to systemboard, no sockets	- Some: Windows 8 Pro 64-bit
Optical SATA disk mSATA™ SSD	None Solid State Drive (SSD) / SATA 6.0Gb/s, Small Form Factor None	Preloaded applications ⁵ (only some listed) - Windows 7 models
Widescreen display Camera	14.0" (355mm) HD+ (1600x900) TFT color, anti-glare, LED backlight, 270 nits, 16:9 aspect ratio, 400:1 contrast ratio, MultiTouch screen supports ten-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus	 Lenovo® Message Center Plus ThinkVantage Product Recovery ThinkVantage Power Manager
Graphics	Intel HD Graphics 4000 in processor, external digital monitor support via Mini DisplayPort (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable 0A36536); supports dual independent display; Max external resolution: 2560x1600 (Mini-DisplayPort)@60Hz	 Lenovo SimpleTap Windows 8 models Lenovo Support Lenovo Companion Lenovo QuickLaunch
Keyboard TrackPoint® Touchpad ThinkLight™	6-row, ThinkVantage button, LED backlit, spill-resistant, multimedia Fn keys TrackPoint® pointing device, "Press-to-Select," Internet Scroll Bar¹³ UltraNav™, buttonless glass surface touchpad below keyboard, multi-touch None	 All models Lenovo Solution Center Password Manager Fingerprint Software (fingerprint
Dimensions ³ Weight ² Case material	14.0W" (WxDxH): 13.0" x 8.9" x 0.39-0.82"; 331mm x 226mm x 10.0-20.8mm Integrated battery: from 3.4 lb (1.54kg) Display cover: Carbon Fiber; Bottom: Magnesium/Aluminum	models) • Lenovo Cloud Storage by SugarSync • Microsoft® Office preloaded;
Battery - type Battery - life ¹⁰	Integrated Lithium Polymer 4-cell RapidCharge battery Integrated battery (45.8Whr): up to 8.2 hr	 purchase a product key to activate Norton™ Internet Security
Chipset Multicard reader ExpressCard Ports Monitor Cable	Mobile Intel QS77 Express Chipset 4-in-1 reader (SD, SDHC, SDXC, MMC) None One USB 3.0, one powered USB 2.0, external monitor (Mini DisplayPort) None	(30 days of virus definitions)
PCIe Mini Card PCIe WLAN ⁴ PCIe WWAN	Two PCI Express Mini Card slots 11a/b/g/n, PCIe Small Form Factor Mini Card, Intel Centrino® Advanced-N 6205S, 2x2 Some: Wireless WAN, Ericsson® H5321gw Mobile Broadband Module, PCIe Half Mini Card,	O This late a second state of the second
Carrier	GPRS/WCDMA/HSPA+, GPS Some: AT&T®, contract required with service provider	Supports ThinkVantage® technologies
Modem	None	90-watt AC Adapter (RapidCharge) ThinkPad Roll Cage (bottom cover)
Bluetooth™	Bluetooth 4.0 wireless	EPEAT™ Gold rating `
Ethernet Intel AMT	None Intel Active Management Technology (iAMT)	ENERGY STAR® 5.2-compliant ROHS-compliant
Audio support Security Security chip	HD Audio, Realtek® ALC3202 codec, Dolby® Home Theater® v4 / stereo speakers, 2 watt x 2 / volume up, down, mute buttons / dual array microphone, mic mute button, combo audio/mic jack Power-on password, hard disk password, supervisor password, security keyhole, reset switch Trusted Platform Module, TCG 1.2-compliant	International Warranty Service ¹⁷ 24 hour x 7 day ¹⁸ toll-free support during the warranty period ¹²
	r AuthenTec fingerprint reader on palm rest, swipe sensor, LED indicator, Power On Authentication, supports the security chip	For compatible accessories, please go to O-X1-C sheet;
Limited warranty ¹²	² 3-years /1-year battery, limited onsite service ²⁴ , 8 am - 5 pm, Mon - Fri coverage excluding holidays, next business day response time / service upgrades ²² available	For Lenovo service ²² upgrade options, please go to QP-TA sheet

ThinkPad X1 Carbon (1st Gen) Accessories

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Storage and removable storage USB 2.0 Portable 500GB Hard Disk USB 3.0 Secure 500GB Hard Drive USB 3.0 Secure 750GB Hard Drive USB 3.0 Secure 1TB Hard Drive USB 3.0 Secure 1TB Hard Drive Lenovo Slim USB Portable DVD Burner ThinkPad Expansion USB 2.0 Port Replicator with Digital Video ThinkPad USB 3.0 Dock Lenovo Essential Notebook Stand Keyboard TrackPoint Cap Collection Ultraslim Plus Wireless Keyboard and Mouse ⁵² USB Numeric Keypad Preferred Pro USB Keyboard Enhanced Performance USB Keyboard ThinkPad USB Keyboard with TrackPoint Lenovo® USB Fingerprint Keyboard Lenovo USB Smartcard Keyboard Se Wireless via 2.4GHz technology using a minuse Lenovo Optical Mouse (USB)	33L3225 73P5220 73P2620 55Y9003 73P4730 51J0155	ann ann ann ann ann ann ann ann ann ann	05/26/09 11/29/11 11/29/11 08/28/12 06/14/11 03/22/11 05/15/12 05/12/09 12/16/03 04/05/11 05/01/00 06/21/05 03/23/04 08/18/09 ver.	90W Ultraslim AC/DC Combo Adapter 41R4493 ann Requires the Lenovo Slim Power Tip 0B47048 More info at www.lenovo.com/support/poweradapters Charging tips for 90W Ultraslim AC/DC Combo Adapter 41R4493 Lenovo Slim Power Tip 0B47048 ann More information at www.lenovopowertips.com Carrying Cases Up to 14" widescreen models: 14W Ultrabook Topload & Small Sleeve Set - Black 0B95758 ann 14W Ultrabook Topload & Standard Sleeve Set - Black 0B95750 ann 14W Ultrabook Topload & Standard Sleeve Set - Brown 0B95751 ann 0B95751 ann 0B95751 ann 0B95751 ann 0B95751 ann 0B95751 ann						
Lenovo Laser Mouse (USB)	41U3074	ann	01/23/07	Lenovo Sport Messenger - Red More information at www.lenovo.com/support/ca	0A33898 ann 02/28/12 ses					
ThinkPad USB Laser Mouse Lenovo ScrollPoint® Mouse (USB, Optical)	57Y4635 31P7405	ann	12/15/09 08/27/02	Lenovo luxury cases at www.lenovoluxurycases.						
ThinkPad Travel Mouse (USB, Optical) ThinkPad Bluetooth Laser Mouse Lenovo Wireless Laser Mouse ⁵²	31P7410 0A36407 0A36188	ann	06/04/02 06/26/12 12/20/11	Monitors ⁶⁴ ThinkVision LT1421 Wide 14" Mobile Monitor with Protective Screen Cover (USB 2.0) ThinkVision LT1421 Wide 14" Mobile Monitor	1452DS6 ann 08/16/11					
Multimedia ThinkPad In-Ear Headphones with microphone	57Y4488	ann	01/07/10	with Protective Case (USB 2.0)	1452DB6 ann 08/16/11					
Modem				More information at www.lenovo.com/support/mo	onitors					
USB 2.0 Lenovo Modem	43R1814	ann	02/26/08	Monitor Accessories ⁴⁶ Lenovo USB-to-DVI/VGA Monitor Adapter	0B47072 ann 08/14/12					
Ethernet Lenovo USB 2.0 Ethernet Adapter	0A36322	ann	08/14/12	Lenovo Mini-DisplayPort to VGA Monitor Cable Mini-DisplayPort to Single-link DVI Monitor Cable Mini-DisplayPort to DisplayPort Monitor Cable	0A36536 ann 05/17/11 0B47090 ann 06/26/12 0B47091 ann 07/24/12					
Security 3M 14.0W Privacy Filter from Lenovo 3M 14.0W Privacy Filter from Lenovo for X1 ar	0A61769 nd X1 Carbon 4Z10A22782	Touch	04/05/11	Lenovo USB Soundbar Lenovo Security Cable Lock Lenovo Easy Reach Monitor Stand	0A36190 ann 05/01/12 57Y4303 ann 08/24/10 55Y9258 ann 09/22/09					
⁷⁴ Only compatible with ThinkPad X1 Carbon Lenovo Security Cable Lock		dels.		46 Compatible on selected Lenovo and ThinkVision More information at www.lenovo.com/support/mo						
USB Gemplus GemPC Smart Card Reader	41N3040		02/21/06	For more information on accessories: www.lenovo.com/accessories Purchase Lenovo accessories						
				www.lenovo.com/support/accessories Product specifications on Lenovo Support						
				www.lenovo.com/accessoriesguide Option Compatibility Matrix (OCM) and accessory	brochures					
				www.lenovoquickpick.com An Options Compatibility Configurator for Lenovo	systems					