



Lenovo ThinkPad X1 Carbon Intel® Core™ i7 i7-3667U Ultrabook 35.6 cm (14") HD+ 4 GB DDR3-SDRAM 256 GB SSD Windows 7 Professional Black

Brand : Lenovo

Product family: ThinkPad

Product code: N3N24MS

Product name : X1 Carbon

Intel Core i7-3667U(2.0GHz), 4GB DDR3 1333MHz, 256GB S-ATA SSD, 14" HD+ (1600x900), Intel HD Graphics 4000, Gigabit Ethernet, WLAN 802.11a/g/n, Bluetooth, Windows 7 Professional 64-bit

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Get introduced to the world's lightest 14" ultrabook—the ThinkPad X1 Carbon is power-packed with innovation and inspiration to do business. This ultrabook weighs only 3lbs and is just 18mm thin. The elegant notebook delivers no-compromise performance with the power of the latest 3rd generation Intel® Core™ processor. Great performance is further enhanced with Intel® Turbo Boost 2.0 and Lenovo's RapidResume and RapidConnect technology.

The 14" ThinkPad X1 Carbon offers the amazing HD+ display with wide viewing angle, high resolution, and high brightness. Use the ultrabook in any environment and lighting condition. Charge the X1 Carbon quickly with Lenovo's RapidCharge technology—charges 80% of the battery in 30 minutes, letting you be more mobile.



Design		Software	
Product type *	Ultrabook	Operating system architecture	64-bit
Product colour *	Black	Drivers included	✓
Form factor *	Clamshell	Operating system installed *	Windows 7 Professional
Housing material	Carbon	Processor special features	
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35.6 cm (14")	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1600 x 900 pixels	Intel® Anti-Theft Technology (Intel® AT)	✓
Touchscreen *	✗	Intel® Identity Protection Technology (Intel® IPT)	✓
HD type	HD+	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
LED backlight	✓	Intel® Turbo Boost Technology	2.0
Native aspect ratio	16:9	Intel® Small Business Advantage (Intel® SBA)	✗
Display brightness	300 cd/m²	Enhanced Intel SpeedStep Technology	✓
Dual-screen	✗	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor		Intel Clear Video Technology	✗
Processor manufacturer *	Intel	Intel® InTru™ 3D Technology	✓
Processor family *	Intel® Core™ i7	Intel® Insider™	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® Quick Sync Video Technology	✓
Processor model *	i7-3667U	Intel Flex Memory Access	✓
Processor cores	2	Intel® Smart Cache	✓
Processor threads	4	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor boost frequency	3.2 GHz	Intel Trusted Execution Technology	✓
Processor frequency *	2 GHz	Intel Enhanced Halt State	✓
System bus rate	5 GT/s	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	4 MB	Intel Demand Based Switching	✗
Processor cache type	Smart Cache		
Processor socket	BGA 1023		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-3600 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		

Processor		Processor special features	
Stepping	L1	Intel® Secure Key	✓
Thermal Design Power (TDP)	17 W	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Tjunction	105 °C	Intel 64	✓
Maximum number of PCI Express lanes	16	Execute Disable Bit	✓
PCI Express slots version	2.0	Idle States	✓
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Thermal Monitoring Technologies	✓
CPU multiplier (bus/core ratio)	20	Processor package size	31 x 24 mm
ECC supported by processor	✗	Supported instruction sets	AVX
Memory		Processor code	SR0N5
Internal memory *	4 GB	CPU configuration (max)	1
Internal memory type	DDR3-SDRAM	Embedded options available	✗
Memory clock speed	1333 MHz	Graphics & IMC lithography	22 nm
Maximum internal memory *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage		Intel Identity Protection Technology version	1.00
Total storage capacity *	256 GB	Intel Secure Key Technology version	1.00
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Number of SSDs installed	1	Intel Dual Display Capable Technology	✓
SSD capacity	256 GB	Intel FDI Technology	✓
SSD interface	SATA	Intel Rapid Storage Technology	✗
Optical drive type *	✗	Intel Fast Memory Access	✓
Card reader integrated	✓	Processor ARK ID	64898
Compatible memory cards	MMC, SD, SDHC, SDXC	Conflict-Free processor	✓
Graphics		Battery	
Graphics card family	Intel	Battery life (max)	6.5 h
On-board graphics card *	✓	Power	
On-board graphics card family	Intel® HD Graphics	AC adapter frequency	50 - 60 Hz
On-board graphics card model *	Intel® HD Graphics 4000	AC adapter input voltage	100 - 240 V
On-board graphics card base frequency	350 MHz	DC-in jack	✓
On-board graphics card dynamic frequency (max)	1150 MHz	Security	
On-board graphics card ID	0x166	Cable lock slot	✓
Audio		Cable lock slot type	Kensington
Audio system	Dolby Home Theater v4	Fingerprint reader	✓
Built-in speaker(s)	✓	Operational conditions	
Number of built-in speakers	2	Operating temperature (T-T)	5 - 35 °C
Built-in microphone	✓	Storage temperature (T-T)	5 - 43 °C
Optical drive		Operating relative humidity (H-H)	5 - 85%
LightScribe	✗	Storage relative humidity (H-H)	5 - 95%
Network		Operating altitude	0 - 2438 m
Wi-Fi	✓	Certificates	
Networking features	Gigabit Ethernet	Compliance certificates	RoHS
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Sustainability	
Ethernet LAN	✓	Sustainability certificates	EPEAT Gold, ENERGY STAR
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	331 mm
Integrated 4G WiMAX	✓	Depth	226 mm
Ports & interfaces		Height	18.9 mm
USB 2.0 ports quantity *	1	Width (imperial)	33.1 cm (13")
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Depth (imperial)	22.6 cm (8.9")
Ethernet LAN (RJ-45) ports	1	Height (imperial)	1.88 cm (0.74")
Mini DisplayPorts quantity	1	Weight *	1.4 kg
DVI port	✗		
Headphone outputs	1		

Ports & interfaces		Packaging content	
S/PDIF out port	✗	AC adapter included *	✓
Microphone in	✓	Other features	
Combo headphone/mic port	✓	Infrared data port	✗
ExpressCard slot	✗	Supplied AC adapter type	AC
CardBus PCMCIA slot type	✗	Intel segment tagging	Enterprise, Small Business
SmartCard slot	✗		
Performance			
Motherboard chipset	Intel® QS77 Express		
Keyboard			
Pointing device	ThinkPad UltraNav		
Numeric keypad *	✗		
Spill-resistant keyboard	✓		
Full-size keyboard	✓		
Windows keys	✓		



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Catalog Object Cloud



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