ThinkPad X1 Carbon (2nd Gen) 20A70037US

Product

X1 Carbon (2nd Gen)

Region

US

Machine Type

20A7

TopSeller

TopSeller

Processor

i7-4600U (2C, 2.1 / 3.3GHz, 4MB, 1600MHz)

vPro

vPro

Graphics

Intel HD Graphics 4400

Memory (soldered)

8GBx1

Display

14" WQHD (2560x1440) IPS

Multi-touch

10-point multi-touch

Storage

256GB SSD eDrive

Optical

None

WLAN &Bluetooth

Intel 7260 ac + BT4.0

WWAN

WWAN upgradable

SIM Card

None

Monitor Cable

None

Camera

720p

Backlit Keyboard

Backlit Keyboard

Fingerprint Reader

Fingerprint Reader

NFC

None

Battery Cells

8-cell (45Wh)

Power Adapter (watt)

65W

Preload

Windows 8.1 Pro 64-bit

Base Warranty

3-year depot

Global

No

Ann Date (mm/yy)

01/14

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

California Electronic Waste Recycling Fee

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to:

https://www.calrecycle.ca.gov/Electronics/Consumer



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ThinkPad X1 Carbon (2nd Gen) Platform Specifications

Processor	Ath Canadatian Intal® CanaTM : C / : Z Duannana		
	4th Generation Intel® Core™ i5 / i7 Processor	Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Home Theater® v4 / stereo speakers, 1 watt x 2 / dual array microphone, combo audio/microphone jack
	Processor Number # of Cores # of Threads Base Frequency Max Turbo Frequency Cache Memory Speed Processor Graphics i5-4200U 1.6 GHz 2.6 GHz 3MB i5-4210U 2 4 1.7 GHz 2.7 GHz 3MB 1.9 GHz 2.9 GHz 3MB DDR3L-1600 Intel HD Graphics	WLAN ⁴	One of the following, configurable by model: Intel Wireless-N 7260, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card
	1.9 GHZ 2.9 GHZ 3MB 4400 17-4600U 2.1 GHZ 3.3 GHZ 4MB 4400	WWAN (optional)	One of the following, configurable by model: • Wireless WAN upgradable
Memory	4GB or 8GB / DDR3L-1600MHz / soldered to systemboard, no sockets		 Wireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/
Optical Storage	None M.2 Solid State Drive (SSD)	HSPA+/EVDO/GSM/GPRS/EDGE, GPS, M.2 card (US models) Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE models) Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card (WE models) SIM card (optional) One of the following, configurable by model: AT&T® or Verizon® LTE (4G), contract required with service provider (US models) Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required (WE models) User selectable, contract required with service provider	
Widescreen display	Some: 14.0" (355mm) HD+ (1600x900), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight,		
Multi-touch Camera Light sensor	300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS , 170° viewing angle Some: Capacitive-type multi-touch, supports 10-finger gesture, 270 nits HD720p resolution, low light sensitive, face tracking, fixed focus, gesture input Ambient Light Sensor (Windows 8.1 64-bit only)		
Graphics	Intel HD Graphics 4400 or 5000 in processor, external digital monitor support via Mini DisplayPort or HDMI™ (supports VGA analog monitor via Mini DisplayPort to VGA Monitor Cable); supports three independent displays; Max resolution: 3840x2160 (Mini DisplayPort)@30Hz; 2880x1620 (HDMI)@60Hz	Bluetooth™ Ethernet NFC Security	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Ethernet Extension cable <i>Optional:</i> Near Field Communication Power-on password, hard disk password, supervisor password, security keyhole,
Keyboard UltraNav™	Adaptive Keyboard with a dynamically changing row providing additional functionality based on the type of the application active / 5-row, spill-resistant (except Adaptive Keys), LED backlit TrackPoint® pointing device and glass surface touchpad,	Security chip vPro (optional)	reset switch Trusted Platform Module, TCG 1.2-compliant Intel vPro Technology Pr Fingerprint reader on the keyboard bezel, swipe sensor
ThinkLight™	integrated five buttons, multi-touch None	Limited warranty ¹¹	² One of the following, configurable by model: • 1-year depot repair service
Dimensions ³	WQHD (WxDxH): 13.03" x 8.92" x 0.70"; 331.0mm x 226.5mm x 17.72mm HD+ (WxDxH): 13.03" x 8.93" x 0.71"; 331.0mm x 226.8mm x 18.16mm WQHD Touch (WxDxH): 13.03" x 8.94" x 0.73"; 331.0mm x 227.1mm x 18.46mm		 3-year/1-yr battery depot repair service 3-year/1-yr battery limited onsite service²⁴ 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)
Weight ²		Preload Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit • Lenovo Solution Center • ThinkVantage Product Recovery • Rescue and Recovery™ • ThinkVantage System Update • PC Device Stage • Adobe® Reader® • Nitro Pro • Evernote® Windows 8.1 64-bit Some: Windows 8.1 Fro 64-bit • Lenovo Solution Center • Lenovo Support • Lenovo Companion • ThinkVantage System Update • Hightail - Metro • PC Device Stage • AccuWeather • Amazon Kindle • Nitro Pro	
Case material	Display cover: Carbon-Fiber Reinforced Plastic + Glass-Fiber Reinforced Plastic; Bottom: Magnesium/Aluminum		
Battery type Max battery life ¹⁰ AC Adapter	Integrated Lithium Polymer 8-cell (45Wh) RapidCharge battery Integrated battery: up to 9 hr 45W AC Adapter, 65W Slim AC Adapter, or 65W AC Adapter		
RapidCharge	AC Adapter 45W 65W Slim 65W Charge to 80% 1.0hr 50min 50min Charge to 100% 2.3hr 2.1hr 2.1hr		
Chipset Smart card reade Media reader Ports	Intel SoC (System on Chip) platform rNone None Two USB 3.0 (one Always On), MiniDP, HDMI, Ethernet extension connector, Lenovo OneLink connector, Micro-SIM card tray (WWAN upg / WWAN model only)		 Microsoft® Office preloaded; purchase a product key to activate Norton™ Internet Security (30 days of virus definitions) Rara Streaming Norton Studio Microsoft Office preloaded; purchase a product key to activate Norton Internet Security (30 days of virus definitions)
Monitor Cable	Some: Mini DisplayPort to VGA Monitor Cable	Mil-Spec test	MIL-STD-810G military certification
		Environment	EPEAT™ Gold; ENERGY STAR® 6.0; RoHS-compliant

