

ThinkPad X1 Carbon (4th Gen) 20FB003X++

Region
EMEA

Machine Type
20FB

TopSeller
TopSeller

Processor
Core i5-6200U (2C, 2.3 / 2.8GHz, 3MB)

vPro
No

Graphics
Integrated Intel HD Graphics 520

Memory
8GB Soldered

Display
14" FHD (1920x1080) IPS

Multi-touch
None

Storage
256GB SSD M.2 Opal2

Optical
None

WLAN + Bluetooth
Intel 8260 ac, 2x2 + BT4.1

WWAN
Sierra EM7455

SIM Card
Lenovo Connect

Monitor Cable
None

Adapter
OneLink+ to RJ45 Adapter

Dock
None

Camera
720p

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

Battery
4-cell (52Wh)

Power Adapter
65W

Operating System
Windows 10 DG Windows 7 Pro 64

Warranty
3-year, Onsite

End of Support
Feb 16, 2021

Ann Date (mm/yy)
02/16

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<http://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2017. All rights reserved.



ThinkPad X1 Carbon (4th Gen) Platform Specifications

Product Specifications Reference (PSREF)



Processor	6th Generation Intel® Core™ i5 / i7 Processor								Media reader Ports WiGig dock (opt) Monitor cable (optional) Adapter (optional)	MicroSD card reader, supports UHS-II microSD card Three USB 3.0 (one Always On), MiniDP, HDMI, Lenovo OneLink+ connector WiGig dock, mutually exclusive with WWAN HDMI to VGA: Lenovo HDMI to VGA Monitor Cable mDP to VGA: Lenovo Mini DisplayPort to VGA Monitor Cable OneLink+ to RJ45: ThinkPad OneLink+ to RJ45 adapter OneLink+ to VGA/RJ45: ThinkPad OneLink+ to VGA/RJ45 adapter												
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics														
	i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	LPDDR3-1866	Intel HD Graphics 520														
	i5-6300U			2.4 GHz	3.0 GHz	3MB																
	i7-6500U			2.5 GHz	3.1 GHz	4MB																
i7-6600U	2.6 GHz			3.4 GHz	4MB																	
Graphics	Intel HD Graphics 520 in processor, external digital monitor support via Mini DisplayPort or HDMI™; supports three independent displays; Max resolution: 3840x2160 (Mini DisplayPort) @60Hz; 4096x2304 (HDMI) @24Hz								Camera Audio support	HD720p resolution, low light sensitive, fixed focus HD Audio, Conexant® CX11852 codec / stereo speakers, 1 watt x 2 / dual array microphone, combo audio/microphone jack												
Chipset Memory	Intel SoC (System on Chip) platform 4GB, 8GB, or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets								Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, LED backlight TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch												
Display	Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 72% gamut, 170° viewing angle								Security	Power-on password, hard disk password, supervisor password, security keyhole, reset switch												
Multi-touch Hinge	None Normal hinge, 180 degree								Security chip ThinkEngine	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures												
Storage	Some: M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)								vPro (optional) Fingerprint reader	Intel vPro Technology Touch style fingerprint reader on the palm rest												
Optical	None								Battery	Integrated Lithium Polymer 4-cell (52Wh) RapidCharge battery												
Ethernet	Gigabit Ethernet via optional Ethernet (RJ-45) adapter (by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))								Max battery life ¹⁰	MobileMark® 2014: 11 hr												
WLAN ⁴	One of the following, configurable by model (WiGig is mutually exclusive with WWAN): • 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card • WiGig™+11ac+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 card								AC adapter	45W AC adapter, 65W Slim AC adapter, or 65W AC adapter												
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								RapidCharge	<table border="1"> <thead> <tr> <th>AC adapter</th> <th>45W</th> <th>65W Slim</th> <th>65W</th> </tr> </thead> <tbody> <tr> <td>Charge to 80%</td> <td>Not support</td> <td>1.0 hr</td> <td>1.0 hr</td> </tr> <tr> <td>Charge to 100%</td> <td>Not support</td> <td>2.5 hr</td> <td>2.5 hr</td> </tr> </tbody> </table>	AC adapter	45W	65W Slim	65W	Charge to 80%	Not support	1.0 hr	1.0 hr	Charge to 100%	Not support	2.5 hr	2.5 hr
AC adapter	45W	65W Slim	65W																			
Charge to 80%	Not support	1.0 hr	1.0 hr																			
Charge to 100%	Not support	2.5 hr	2.5 hr																			
WWAN (optional)	One of the following, configurable by model (mutually exclusive with WiGig): • Wireless WAN upgradable • Wireless WAN, Sierra Wireless EM7455, Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card • Wireless WAN, HUAWEI ME906S, HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)								Preload	Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 Windows 10 Pro 64 • Lenovo Solution Center • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)												
SIM card (opt)	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								Limited warranty ¹²	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service ²⁴ • 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)												
Dimensions ³ Weight ² Case material	WxDxH: 13.11" x 9.02" x 0.59-0.65"; 333.0mm x 229.0mm x 14.95-16.45mm Starting at 2.579 lb / 1.17 kg Display cover: Carbon-Fiber Reinforced Plastic; Bottom: Super magnesium								Mil-Spec test	MIL-STD-810G military certification												
									Environment	PEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant												

Lenovo
June 2017

ThinkPad X1 Carbon (4th Gen)

