

ThinkPad X1 Carbon (4th Gen) Platform Specifications
Product Specifications Reference (PSREF)

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) 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-VGA: Lenovo HDMI to VGA Monitor Cable mDP-VGA: Lenovo Mini DisplayPort to VGA Monitor Cable RJ45: ThinkPad OneLink+ to RJ45 adapter 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	HD720p resolution, low light sensitive, fixed focus															
									Audio support	HD Audio, Conexant® CX11852 codec / stereo speakers, 1 watt x 2 / dual array microphone, combo audio/microphone jack															
Chipset	Intel SoC (System on Chip) platform								Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlight															
Memory	4GB, 8GB, or 16GB / 1866MHz LPDDR3 / soldered to systemboard, no sockets								UltraNav™	TrackPoint® pointing device and buttonless glass surface touchpad, multi-touch															
Display	<i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle <i>Some:</i> 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	None								Security chip	Discrete TPM 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset															
Hinge	Normal hinge, 180 degree								ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures															
Storage	<i>Some:</i> M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)								vPro (optional)	Intel vPro Technology															
Optical	None								Fingerprint reader	Touch style fingerprint reader on the palm rest															
Ethernet	Gigabit Ethernet via optional Ethernet (RJ-45) adapter (by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))								Battery	Integrated Lithium Polymer 4-cell (52Wh) RapidCharge battery															
WLAN ⁴	<i>One of the following, configurable by model (WiGig is mutually exclusive with WWAN):</i> <ul style="list-style-type: none">• 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								Max battery life ¹⁰	MobileMark® 2014: 11 hr															
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								AC adapter	45W AC adapter, 65W Slim AC adapter, or 65W AC adapter															
WWAN (optional)	<i>One of the following, configurable by model (mutually exclusive with WiGig):</i> <ul style="list-style-type: none">• 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)								RapidCharge	<table><tr><td>AC adapter</td><td>45W</td><td>65W Slim</td><td>65W</td></tr><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></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																						
SIM card (opt)	Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card								Preload	Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 <ul style="list-style-type: none">• Lenovo Solution Center• Lenovo Companion• Lenovo Setting• Microsoft Office preloaded; purchase a product key to activate• McAfee® LiveSafe™ (30-day trial)															
Dimensions ³	WxDxH: 13.11" x 9.02" x 0.59-0.65"; 333.0mm x 229.0mm x 14.95-16.45mm								Limited warranty ¹²	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">• 1-year depot repair service• 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	from 2.579 lb / 1.17 kg								Mil-Spec test	MIL-STD-810G military certification															
Case material	Display cover: Carbon-Fiber Reinforced Plastic; Bottom: Super magnesium								Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant															

Model	20FB006C++
Product	ThinkPad X1 Carbon (4th Gen)
Region	WE
Machine Type	20FB
TopSeller	TopSeller
Processor	Core i7-6500U (2C, 2.5 / 3.1GHz, 4MB)
vPro	No
Graphics	Integrated Intel HD Graphics 520
Memory	8GB Soldered
Display	14" WQHD (2560x1440) IPS
Multi-touch	None
Storage	512GB SSD M.2
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	Sierra EM7455
SIM Card	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 Pro 64
Warranty	3-year, Onsite
Global	No
Ann Date (mm/yy)	04/16



