

ThinkPad X1 Carbon (6th Gen) 20KH002YUS

Region US	Keyboard Backlit
Machine Type 20KH	Fingerprint Reader Fingerprint Reader
TopSeller TopSeller	NFC None
Processor Core i5-8250U (4C, 1.6 / 3.4GHz, 6MB)	TPM dTPM 2.0
vPro No	Battery 57Wh
Graphics Integrated Intel UHD Graphics 620	Power Adapter 65W USB-C
Memory 8GB Soldered	Operating System Windows 10 Pro 64
Display 14" FHD (1920x1080) IPS Anti-glare	Warranty 3-year, Depot
Multi-touch None	End of Support Feb 6, 2023
Storage 256GB SSD M.2 PCIe NVMe Opal2	Ann Date (mm/yy) 02/18
Optical None	
WLAN + Bluetooth Intel 8265 ac, 2x2 + BT4.1	
WWAN None	
SIM Card None	
Monitor Cable None	
Adapter None	
Color Silver	
Camera 720p	

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



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ThinkPad X1 Carbon (6th Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i5 Processor								Dimensions	WxDxH: 12.74" x 8.55" x 0.63"; 323.5mm x 217.1mm x 15.95mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 2.49 lb / 1.13 kg	
	i5-7300U	2	4	2.6 GHz	3.5 GHz	3MB	LPDDR3-1866	Intel HD Graphics 620	Case color	Black or Silver (silver case is NOT available in EMEA)	
									Case material	Display cover: CFRP/GFRP hybrid; Bottom: magnesium alloy / PPS hybrid	
	or 8th Generation Intel Core i5 / i7 Processor								Smart card reader	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	MicroSD card reader, supports UHS-II	
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	LPDDR3-2133	Intel UHD Graphics 620	Ports	Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3, HDMI 1.4b, Ethernet extension connector, nano-SIM card slot (WWAN models), headphone / microphone combo jack, microSD card reader, side docking connector, security keyhole	
	i5-8350U			1.7 GHz	3.6 GHz	6MB			Monitor cable	Optional: Lenovo HDMI to VGA Monitor Adapter	
	i7-8550U			1.8 GHz	4.0 GHz	8MB					
	i7-8650U			1.9 GHz	4.2 GHz	8MB					
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 5120x2880@60Hz (USB Type-C); 4096x2160@30Hz (HDMI)								Camera (optional)	One of the following, configurable by model: • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera, fixed focus	
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Realtek® ALC3286 codec, Dolby® Audio™ Premium / stereo speakers, 1W x 2 / dual array microphone, headphone / microphone combo jack	
Memory	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets * System clocks down for processors with lower memory controller								Keyboard	6-row, spill-resistant, multimedia Fn keys, LED backlight	
Display									UltraNav™	TrackPoint® pointing device and buttonless Glass surface multi-touch touchpad	
									Security	Power-on password, hard disk password, supervisor password, security keyhole	
									Security chip	Discrete TPM 2.0, TCG Certified	
									vPro (optional)	Intel vPro Technology	
									Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest, anti-spoofing technology	
Multi-touch (opt)									NFC (optional)	Near Field Communication	
									Battery	Integrated Li-Ion 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter	
									Max battery life	MobileMark® 2014: 19.3 hr * Battery life varies significantly with settings, usage, & other factors	
									AC adapter	45W or 65W USB Type-C AC adapter	
									Preload	Windows® 10 Home 64 or Windows 10 Pro 64	
Storage	One of the following, configurable by model: • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) • M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)								Limited warranty	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	
Optical	None								Mil-Spec test	MIL-STD-810G military certification	
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro)) via optional ThinkPad Ethernet Extension Cable Gen 2								Environment	EPEAT™ Gold; ENERGY STAR® 6.1; RoHS-compliant	
WLAN + Bluetooth™	Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card * Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS										
WWAN (optional)	Integrated Mobile Broadband 4G LTE-A, Intel XMM™ 7360 (Fibocom L850-GL), M.2 card										
SIM card (opt)	Nano-SIM card slot, optional Verizon LTE (US) SIM card										

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