

ThinkPad X1 Carbon (7th Gen) 20QD0032FE

Product

ThinkPad X1 Carbon (7th Gen)

Region

MEA

Country/Region

Africa-French-Portuguese

Machine Type

20QD

TopSeller

TopSeller

Processor

Intel Core i7-8565U (4C / 8T, 1.8 / 4.6GHz, 8MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

8GB Soldered LPDDR3-2133

Storage

512GB SSD M.2 2280 PCIe NVMe Opal2

Display

14" FHD (1920x1080) Low Power IPS 400nits Anti-glare

Touchscreen

None

Ethernet

100/1000M via Optional Adapter

Optical

None

WLAN + Bluetooth

Intel 9560 11ac, 2x2 + BT5.0

WWAN

None

SIM Card

None

Smart Card Reader

None

Monitor Cable

None

Case Material

Carbon Fiber (Top), Magnesium Alloy (Bottom)

Bundled Accessories

ThinkPad Ethernet Extension Adapter Gen 2

Camera

720p + IR with ThinkShutter

Microphone

4x, 360°

Color

Black, Paint

Keyboard

Backlit, French

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 51Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, French

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

None

EAN / UPC / JAN

0193386941057

End of Support

2026-01-18

Announce Date

2019-06-18

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.

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ThinkPad X1 Carbon (7th Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	8th Generation Intel® Core™ i5 / i7 Processor										Dimensions	WxDxH (Privacy Guard): 12.72" x 8.54" x 0.61"; 323mm x 217mm x 15.4mm		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			Weight	WxDxH (other model): 12.72" x 8.54" x 0.59"; 323mm x 217mm x 14.95mm		
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB	LPDDR3-2133	Intel UHD Graphics			Case color	Privacy Guard model: starting at 2.66 lb / 1.21 kg;		
	i5-8365U			1.6 GHz	4.1 GHz	6MB						Other model: starting at 2.4 lb / 1.09 kg		
	i7-8565U			1.8 GHz	4.6 GHz	8MB						Case material	Black paint or black weave	
i7-8665U	1.9 GHz			4.8 GHz	8MB	Display cover: Carbon Fiber;								
or 10th Generation Intel Core i5 / i7 Processor (NOT available in EMEA)										Bottom: magnesium alloy				
Graphics	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			Smart card reader	None		
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	LPDDR3-2133	Intel UHD Graphics			Media reader	None		
	i7-10510U			1.8 GHz	4.9 GHz	8MB					Ports	Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of Power Delivery and DisplayPort), HDMI 1.4b, Ethernet extension connector, nano-SIM card slot (WWAN models), headphone / microphone combo jack, side docking connector, security keyhole		
											* Depending on many factors, actual data transfer speed may be lower than theoretical speed			
											Optional: Lenovo HDMI to VGA Monitor Adapter			
Chipset Memory	Intel SoC (System on Chip) platform										Optional: ThinkPad Ethernet Extension Adapter Gen 2			
	8GB or 16GB / 2133MHz LPDDR3 / soldered to systemboard, no sockets													
	Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Monitor cable			
		14.0"	FHD (1920x1080) Multi-touch	IPS	Anti-reflection Anti-smudge	300 nits	16:9	700:1	72%	170°	Bundled Accy			
		14.0"	FHD (1920x1080) Low Power	IPS	Anti-glare	400 nits	16:9	800:1	72%	170°	Camera (optional)	One of the following, configurable by model:		
14.0"		FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	400 nits	16:9	1000:1	72%	170°	Audio support	• HD720p camera with ThinkShutter camera privacy, fixed focus			
14.0"		WQHD (2560x1440)	IPS	Anti-glare	300 nits	16:9	700:1	72%	170°		• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus			
Multi-touch (opt)	14.0"	UHD (3840x2160) HDR 400, Dolby Vision™	IPS	Glossy	500 nits	16:9	1400:1	90%	170°	HD Audio, Realtek® ALC3286 codec / Dolby® Atmos™ speaker system, 2W x 2, 0.8 x 2 / four 360° far-field microphones, headphone / microphone combo jack				
	Capacitive-type multi-touch, supports 10-finger gesture (FHD only), anti-reflection (AR) / anti-smudge (AS) coating										Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, LED backlight TrackPoint® pointing device and buttonless glass surface multi-touch touchpad		
	Storage	One of the following, configurable by model:										Security	Power-on password, hard disk password, supervisor password, security keyhole	
		• M.2 2280 SSD / SATA 6.0Gb/s										Security chip	• Firmware TPM 2.0 integrated in chipset	
		• M.2 2280 SSD / PCIe NVMe 3.0 x 4										• Discrete TPM 2.0 TCG Certified		
• Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4										• Discrete TPM 2.0 with L3 Security Support (special bid only)				
None										* May be disabled in some region				
Optical	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Adapter Gen 2										System Mgt (opt)	Intel vPro Technology		
	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth™ 5.0										Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest		
	• Wireless WAN upgradable (special bid only)										NFC (optional)	Near Field Communication		
	• Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card										Battery	Integrated Li-Polymer 51Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter		
	• Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card										Max battery life	MobileMark® 2014: 18.3 hr		
WWAN (optional)	* For non-WWAN model, it means the model is NOT WWAN upgradable										* Battery life varies significantly with hardware configurations, settings, usage, & other factors			
	• Verizon LTE (US) SIM card										AC adapter	• 45W USB-C AC adapter		
	• Gemalto eSIM										• 65W USB-C AC adapter			
											• 65W USB-C slim AC adapter			
											Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64		
SIM card (opt)											Limited warranty	• 1-year depot repair service		
											• 1-year depot with 2-year system board repair service			
											• 1-year limited onsite service			
											• 1-year + 2-year depot repair service			
											• 1-year + 2-year limited onsite service			
										• 3-year/1-yr battery depot repair service				
										• 3-year/1-yr battery limited onsite service				
										Mil-Spec test	MIL-STD-810G military testing			
										Environment	EPEAT™ Gold; ENERGY STAR® 7.1; TCO Certified; RoHS-compliant			

Note: The specifications above may not be available in all regions and might change by regions.

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