

ThinkPad X1 Extreme Gen 3 20TK000DPB

Product

ThinkPad X1 Extreme Gen 3

Region

EET

Country/Region

Poland

Machine Type

20TK

TopSeller

TopSeller

Processor

Intel Core i7-10750H (6C / 12T, 2.6 / 5.0GHz, 12MB)

Graphics

NVIDIA GeForce GTX 1650 Ti Max-Q 4GB GDDR6

Chipset

Intel WM490

Memory

1x 16GB SO-DIMM DDR4-2933

Storage

512GB SSD M.2 2280 PCIe NVMe Opal2

RAID Preset

No

Display

15.6" UHD (3840x2160) IPS 600nits Anti-glare, 100% Adobe, Dolby Vision, HDR

Touchscreen

None

Pen

None

Media Reader

SD Card Reader

Ethernet

100/1000M via Optional Adapter

Optical

None

WLAN + Bluetooth

Intel AX201 11ax, 2x2 + BT5.1

WWAN

None

SIM Card

None

Smart Card Reader

None

Monitor Cable

None

Case Material

CFRP/GFRP (Top), Aluminum Alloy (Bottom)

Bundled Accessories

USB-C to Ethernet Adapter

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Color

Black, Weave

Keyboard

Backlit, English (EU)

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

Color Calibrator

Factory Color Calibration

TPM

Discrete TPM 2.0

Battery

Integrated 80Wh

Power Adapter

135W Slim Tip

System Management

None

Operating System

Windows 10 Pro 64, Polish / English

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

3Y Premier TP Halo WHB (CPN) (5WS1B09495)

EAN / UPC / JAN

0195235283097

End of Support

2027-03-04

Announce Date

2020-08-04

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 Extreme Gen 3 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 / i9 Processor										Dimensions	WxDxH (non-touch): 14.24" x 9.67" x 0.72"; 361.8mm x 245.7mm x 18.4mm																	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics				Weight	WxDxH (multi-touch): 14.24" x 9.67" x 0.74"; 361.8mm x 245.7mm x 18.7mm																
	i5-10400H	4	8	2.6 GHz	4.6 GHz	8MB	DDR4-2933	Intel UHD Graphics					Case color	Non-touch model: starting at 3.75 lb / 1.7 kg;															
	i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB									Multi-touch model: starting at 4.0 lb / 1.81 kg														
	i7-10850H			2.7 GHz	5.1 GHz	12MB										Black paint or black weave													
i9-10885H	8	16	2.4 GHz	5.3 GHz	16MB	Display cover: CFRP/GFRP hybrid;	Bottom: Aluminum alloy																						
Graphics	Intel UHD Graphics in processor only or Intel UHD Graphics in processor and NVIDIA® GeForce® GTX 1650 Ti Max-Q, 4GB GDDR6 memory; supports up to 4 independent displays via native display and 3 external monitors; supports external monitors via HDMI (up to 4K@60Hz) or Thunderbolt™ (up to 5K@60Hz for hybrid model / 4K@60Hz for integrated model)										Smart card reader	None																	
													Media reader	Ports	SD Card reader, supports UHS-II SD card (mutually exclusive with WWAN card)														
																Two USB 3.2 Gen 1 (one Always On), Two USB 3.2 Type-C Gen 2 / Thunderbolt 3 (with the function of Power Delivery and DisplayPort 1.4 for discrete graphics / DisplayPort 1.2 for integrated graphics), HDMI 2.0, nano-SIM card slot (WWAN models), headphone / microphone combo jack, SD card reader, security keyhole, slim tip AC adapter <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>													
																	Monitor cable (optional)	• Lenovo HDMI to VGA Monitor Adapter • Lenovo USB-C to VGA Adapter • Lenovo USB-C to DisplayPort Adapter Optional: Lenovo USB-C to Ethernet Adapter											
																			Bundled Accy	Camera (optional)	• HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus HD Audio, Realtek® ALC3286 codec / Dolby® Atmos™ sound system with 3-magnet speakers, 2W x 2 / optional dual array microphone, headphone / microphone combo jack								
Audio support	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, LED backlight TrackPoint® pointing device and buttonless glass surface multi-touch touchpad																											
			UltraNav™	Security	Power-on password, hard disk password, supervisor password, security keyhole																								
						Security chip	• Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified																						
								System Mgt (opt)	Intel vPro Technology																				
Fingerprint reader	Touch style match on chip fingerprint reader on the keyboard bezel																												
		Color calibration	Optional: X-Rite Pantone factory color calibration (UHD model only)																										
				NFC	None																								
						Battery	Integrated Li-Polymer 80Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 135W AC adapter MobileMark® 2014: 15.6 hr MobileMark 2018: 11.8 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>																						
Max battery life	AC adapter							135W or 170W slim tip AC adapter (170W for i9-10885H model only)																					
		Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64																										
				Limited warranty (optional)	• 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® 8.0; TCO Certified; RoHS-compliant																												
		Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth™ 5.1																											
												Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i>																	
																						None							

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

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