

ThinkPad X13 Gen 1 (Intel) 20T3001BUK

Product

ThinkPad X13 Gen 1 (Intel)

Region

WE

Country/Region

UK

Machine Type

20T3

TopSeller

TopSeller

Processor

Intel Core i5-10310U (4C / 8T, 1.7 / 4.4GHz, 6MB)

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

16GB Soldered DDR4-2666

Storage

256GB SSD M.2 2280 PCIe NVMe Opal2

Display

13.3" FHD (1920x1080) IPS 300nits Anti-glare, Touch

Touchscreen

10-point Multi-touch

Media Reader

MicroSD Reader

Ethernet

100/1000M via Optional Adapter

Optical

None

WLAN + Bluetooth

Intel AX201 11ax, 2x2 + BT5.1

WWAN

WWAN Upgradable

SIM Card

None

Smart Card Reader

Smart Card Reader

Monitor Cable

None

Bundled Accessories

None

Case Material

PPS (Top), Magnesium / Aluminium (Bottom)

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Color

Black

Keyboard

Backlit, English (UK)

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 48Wh

Power Adapter

65W USB-C

System Management

Intel vPro, DASH

Operating System

Windows 10 Pro 64, English

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

1Y Premier from 3Y Depot (CPN) (5WS1B38516)

EAN / UPC / JAN

0195477231214

End of Support

2026-12-05

Announce Date

2020-10-27

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 X13 Gen 1 (Intel) Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor										Smart card reader Media reader Ports	Optional: Smart card reader MicroSD card reader, in the combo slot with nano-SIM card Two USB 3.2 Gen 1 (one Always On), one USB 3.2 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one USB 3.2 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP), HDMI 1.4b, Ethernet extension connector, combo slot of nano-SIM card (WWAN models) and microSD card reader, headphone / microphone combo jack, optional smart card reader, side docking connector, security keyhole <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i> • Lenovo HDMI to VGA Monitor Adapter • Lenovo USB-C to VGA Adapter • Lenovo USB-C to DisplayPort Adapter Optional: ThinkPad Ethernet Extension Adapter Gen 2
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics				
	i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	DDR4-2666	Intel UHD Graphics				
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB						
	i5-10310U			1.7 GHz	4.4 GHz	6MB						
	i7-10510U			1.8 GHz	4.9 GHz	8MB						
i7-10610U	1.8 GHz			4.9 GHz	8MB							
Graphics	Intel UHD Graphics in processor; supports up to 3 independent displays via native display and two external monitors; supports external monitors via HDMI (up to 4096x2160@24Hz), USB-C (up to 4096x2304@60Hz) or Thunderbolt (up to 4096x2304@60Hz)										Monitor cable (optional)	
Chipset	Intel SoC (System on Chip) platform										Camera (optional)	• HD720p camera with ThinkShutter camera privacy, fixed focus
Memory	8GB, 16GB or 32GB / 2666MHz DDR4 / soldered to systemboard, no sockets <i>* Installed memory is actually 3200MHz but run at 2666MHz due to Intel limitation</i>											• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Audio support	HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 1W x 2 / optional dual array far-field microphone, headphone / microphone combo jack
	13.3"	HD (1366x768)	TN	Anti-glare	-	250 nits	16:9	300:1	45%	170°	Keyboard 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight UltraNav™ TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	Security Security chip • Power-on password, hard disk password, supervisor password, security keyhole • Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified System Mgt (opt) Intel vPro Technology Fingerprint reader Fingerprint reader Optional: Touch style match on chip fingerprint reader on the palm rest NFC (optional) Near Field Communication
	13.3"	FHD (1920x1080)	IPS	Anti-glare	-	300 nits	16:9	800:1	72%	170°		
	13.3"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	72%	170°		
	13.3"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	-	500 nits	16:9	1000:1	72%	170°		
Multi-touch (opt)	On-cell touch, supports 10-finger gesture										Battery	Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
Storage	• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 • Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4										Max battery life	<i>MobileMark® 2014:</i> 15.9 hr <i>MobileMark 2018:</i> 10.45 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Optical	None										AC adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Adapter Gen 2										Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64
WLAN + Bluetooth™ (opt)	Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.1 <i>* Intel WiFi 6 full features might be limited by country level restrictions</i> <i>* BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)</i>										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
WWAN (optional)	• Wireless WAN upgradable • Integrated Mobile Broadband 4G LTE, Quectel EM05CEFC, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card • 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>										Mil-Spec test	MIL-STD-810G military testing
SIM card (opt)	Gemalto eSIM										Environment	EPEAT™ Gold; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant
Dimensions	Models	FHD Non-touch				HD / FHD Multi-touch / Privacy Guard						
	Carbon Fiber	311.9mm x 217.0mm x 16.5mm 12.28" x 8.54" x 0.65"				-						
	PPS	312.0mm x 217.2mm x 16.9mm 12.28" x 8.55" x 0.67"				311.9mm x 217.2mm x 16.9mm 12.28" x 8.55" x 0.67"						
Weight	Models	FHD Non-touch			HD		FHD Multi-touch / Privacy Guard					
	Carbon Fiber	2.70 lb / 1.22 kg			-		-					
	PPS	2.85 lb / 1.29 kg			2.93 lb / 1.33 kg		2.84 lb / 1.28 kg					
Case color	Black											
Case material	Display cover: Carbon Fiber (FHD non-touch only) or PPS; Bottom: Magnesium/Aluminum											

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

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