

# ThinkPad X13 Gen 1 (Intel) 20T2007PUK

**Product**

ThinkPad X13 Gen 1 (Intel)

**Region**

WE

**Country/Region**

UK

**Machine Type**

20T2

**TopSeller**

TopSeller

**Processor**

Intel Core i5-10210U (4C / 8T, 1.6 / 4.2GHz, 6MB)

**Graphics**

Integrated Intel UHD Graphics

**Chipset**

Intel SoC Platform

**Memory**

8GB Soldered DDR4-2666

**Storage**

256GB SSD M.2 2280 PCIe NVMe Opal2

**Display**

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

**Touchscreen**

None

**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**

None

**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**

0195477231894

**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	<i>Optional:</i> 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>
	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)	<ul style="list-style-type: none"> <li>Lenovo HDMI to VGA Monitor Adapter</li> <li>Lenovo USB-C to VGA Adapter</li> <li>Lenovo USB-C to DisplayPort Adapter</li> </ul>
Chipset Memory	Intel SoC (System on Chip) platform 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>										Camera (optional)	<ul style="list-style-type: none"> <li>HD720p camera with ThinkShutter camera privacy, fixed focus</li> <li>IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus</li> </ul>
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Audio support	<ul style="list-style-type: none"> <li>HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 1W x 2 / optional dual array far-field microphone, headphone / microphone combo jack</li> </ul>
	13.3"	HD (1366x768)	TN	Anti-glare	-	250 nits	16:9	300:1	45%	170°		
	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										Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, optional LED backlight
Storage	<ul style="list-style-type: none"> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> <li>Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4</li> </ul>										UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
											Security chip	<ul style="list-style-type: none"> <li>Power-on password, hard disk password, supervisor password, security keyhole</li> <li>Firmware TPM 2.0 integrated in chipset</li> <li>Discrete TPM 2.0 TCG Certified</li> </ul>
Optical	None										System Mgt (opt)	Intel vPro Technology
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Adapter Gen 2										Fingerprint reader	<i>Optional:</i> Touch style match on chip fingerprint reader on the palm rest
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>										NFC (optional)	Near Field Communication
WWAN (optional)	<ul style="list-style-type: none"> <li>Wireless WAN upgradable</li> <li>Integrated Mobile Broadband 4G LTE, Quectel EM05CEFC, M.2 card</li> <li>Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card</li> <li>Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 2x2, M.2 card</li> </ul> <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i>										Battery	Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
SIM card (opt)	Gemalto eSIM										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, &amp; other factors</i>
Dimensions	Models	FHD Non-touch				HD / FHD Multi-touch / Privacy Guard					AC adapter	<ul style="list-style-type: none"> <li>45W USB-C AC adapter</li> <li>65W USB-C AC adapter</li> <li>65W USB-C slim AC adapter</li> </ul>
	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				Operating system	<i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64	
	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										Limited warranty	<ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>1-year depot with 2-year system board repair service</li> <li>1-year limited onsite service</li> <li>1-year + 2-year depot repair service</li> <li>1-year + 2-year limited onsite service</li> <li>3-year/1-yr battery depot repair service</li> <li>3-year/1-yr battery limited onsite service</li> </ul>
Case material	Display cover: Carbon Fiber (FHD non-touch only) or PPS; Bottom: Magnesium/Aluminum										Mil-Spec test	MIL-STD-810G military testing
											Environment	EPEAT™ Gold; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant

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

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