

# ThinkPad X13 Gen 1 (Intel) 20T20028US

**Product**

ThinkPad X13 Gen 1 (Intel)

**Region**

NA

**Country/Region**

USA

**Machine Type**

20T2

**TopSeller**

TopSeller

**Processor**

Intel Core i5-10310U (4C / 8T, 1.7 / 4.4GHz, 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 + BT5.0

**WWAN**

None

**SIM Card**

None

**Smart Card Reader**

None

**Monitor Cable**

None

**Bundled Accessories**

None

**Case Material**

PPS (Top) + Magnesium / Aluminum (Bottom)

**Camera**

720p with ThinkShutter

**Microphone**

2x, Array

**Color**

Black

**Keyboard**

Backlit, English

**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

**Operating System**

Windows 10 Pro 64, English

**Bundled Software**

None

**Base Warranty**

3-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

194778776882

**End of Support**

2026-12-05

**Announce Date**

2020-05-22

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**Recommended Services****Best**

3Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection + Sealed Battery) (5PS0N73216)

**Better**

3Y Lenovo Support (Premier Support + Keep Your Drive + Sealed Battery) (5PS0N73159)

**Good**

3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36152)

**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.

**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to:

<https://www.calrecycle.ca.gov/Electronics/Consumer>

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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	Optional: Smart card reader	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			Media reader	MicroSD card reader, in the combo slot with nano-SIM card	
	i3-10110U	2	4	2.1 GHz	4.1 GHz	4MB	DDR4-2666	Intel UHD Graphics			Ports	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	
	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						* Depending on many factors, actual data transfer speed may be lower than theoretical speed	
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)	• Lenovo HDMI to VGA Monitor Adapter • Lenovo USB-C to VGA Adapter • Lenovo USB-C to DisplayPort Adapter
Chipset	Intel SoC (System on Chip) platform											Bundled Accy	Optional: ThinkPad Ethernet Extension Adapter Gen 2
Memory	8GB, 16GB or 32GB / 2666MHz DDR4 / soldered to systemboard, no sockets * Installed memory is actually 3200MHz but run at 2666MHz due to Intel limitation											Camera (optional)	• HD720p camera with ThinkShutter camera privacy, fixed focus • 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	
	13.3"	FHD (1920x1080)	IPS	Anti-glare	-	300 nits	16:9	800:1	72%	170°	UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
	13.3"	FHD (1920x1080)	IPS	Anti-glare	Multi-touch	300 nits	16:9	700:1	72%	170°	Security	Power-on password, hard disk password, supervisor password, security keyhole	
	13.3"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	-	500 nits	16:9	1000:1	72%	170°	Security chip	• Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified	
Multi-touch (opt)	On-cell touch, supports 10-finger gesture											System Mgt (opt)	Intel vPro Technology
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											Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest
Optical	None											NFC (optional)	Near Field Communication
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Adapter Gen 2											Battery	Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
WLAN + Bluetooth™ (opt)	Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 * Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS											Max battery life	MobileMark® 2014: 15.9 hr MobileMark 2018: 10.45 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors
WWAN (optional)	• Wireless WAN upgradable • 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 * For non-WWAN model, it means the model is NOT WWAN upgradable											AC adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter
SIM card (opt)	Gemalto eSIM Card											Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64
Dimensions	Models	FHD Non-touch				HD / FHD Multi-touch / Privacy Guard						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
	Carbon Fiber	311.9mm x 217.0mm x 16.5mm 12.28" x 8.54" x 0.65"				-						Mil-Spec test	Work in progress
	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"						Environment	EPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant
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.

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