ThinkPad X13 Yoga Gen 1 Platform Specifications

Processor — 10th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-10210U			1.6 GHz	4.2 GHz	6MB		
i5-10310U	4	8	1.7 GHz	4.4 GHz	6MB	DDR4-2666	Intel UHD Graphics
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)

Chipset — Intel SoC (System on Chip) platform
Memory — 8GB or 16GB / 2666MHz DDR4 / soldered to systemboard, no sockets
* Installed memory is actually 3200MHz but run at 2666MHz due to Intel limitation

Display

Size	Resolution	Type	Surface	Touch	Bright-ness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle
13.3"	FHD (1920x1080)	WVA	Anti-reflection Anti-smudge	Multi-touch	300 nits	16:9	800:1	72%	170°
13.3"	FHD (1920x1080) Low Power	WVA	Anti-reflection Anti-smudge	Multi-touch	400 nits	16:9	1500:1	72%	170°
13.3"	FHD (1920x1080) ThinkPad Privacy Guard	WVA	Anti-reflection Anti-smudge	Multi-touch	500 nits	16:9	1000:1	72%	170°
13.3"	UHD (3840x2160)	OLED	Anti-reflection Anti-smudge	Multi-touch	400 nits	16:9	100000:1	100% DCI-P3	170°

Multi-touch — Capacitive-type multi-touch, supports 10-finger gesture, anti-reflection (AR), AS (anti-smudge), could reduce the brightness by up to 10%
Hinge — Yoga hinge, 360 degree
Convert-mode — Laptop, tent, stand and tablet
Pen — ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable

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

Optical — None

Ethernet — Native Intel Ethernet Connection I219-V (*Non-vPro*) or I219-LM (*vPro*)
via optional ThinkPad Ethernet Extension Adapter Gen 2

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

WWAN (optional)
- 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

SIM card (opt) — Gemalto eSIM

Dimensions — *WxDxH:* 12.22" x 8.62" x 0.63"; 310.4mm x 219mm x 15.95mm
Weight — Starting at 2.76 lb /1.25 kg
Case color — Black
Case material — *Display cover*: CF Hybrid PA + 55% GF
Bottom: CF Hybrid PA + 55% GF

Smart card reader — *Optional:* Smart card reader
Media reader — MicroSD card reader, in the combo slot with nano-SIM card
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
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Monitor cable (optional)
- Lenovo HDMI to VGA Monitor Adapter
- Lenovo USB-C to VGA Adapter
- Lenovo USB-C to DisplayPort Adapter

Bundled Accy — *Optional:* ThinkPad Ethernet Extension Adapter Gen 2

Camera (optional)
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus

Audio support — HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 2W x 2 / dual array far-field microphone, headphone / microphone combo jack

Keyboard — 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, LED backlight
UltraNav™ — TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad

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 palm rest
NFC (optional) — Near Field Communication

Battery — Integrated Li-ion 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
Max battery life — *MobileMark® 2014:* 18.2 hr
MobileMark 2018: 12.05 hr
* Battery life varies significantly with hardware configurations, settings, usage, & other factors
AC adapter
- 45W USB-C AC adapter
- 65W USB-C AC adapter
- 65W USB-C slim AC adapter

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

---

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