

# ThinkPad X13 Yoga Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i5 / i7 Processor										Dimensions Weight Case color Case material	<i>WxDxH:</i> 12.22" x 8.62" x 0.63"; 310.4mm x 219mm x 15.95mm Starting at 2.76 lb / 1.25 kg Black <i>Display cover:</i> CF Hybrid PA + 55% GF <i>Bottom:</i> CF Hybrid PA + 55% GF
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics				
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2666	Intel UHD Graphics				
	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						
i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB							
i7-10810U			1.1 GHz	4.9 GHz	12MB							
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)										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>
Chipset Memory	Intel SoC (System on Chip) platform 8GB or 16GB / 2666MHz DDR4 / soldered to systemboard, no sockets <i>* Installed memory is actually 3200MHz but run at 2666MHz due to Intel limitation</i>											
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Bundled Accy Camera <i>(optional)</i> Audio support Keyboard UltraNav™ Security Security chip System Mgt <i>(opt)</i> Fingerprint reader NFC <i>(optional)</i> Battery Max battery life AC adapter Operating system <i>Optional:</i> Windows® 10 Home 64 or Windows 10 Pro 64 Limited warranty <i>(optional)</i> WWAN <i>(optional)</i> SIM card <i>(opt)</i> Mil-Spec test Environment	<i>Optional:</i> ThinkPad Ethernet Extension Adapter Gen 2 • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus HD Audio, Realtek® ALC3287 codec / Dolby® Audio speaker system, 2W x 2 / dual array far-field microphone, headphone / microphone combo jack 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad Power-on password, hard disk password, supervisor password, security keyhole • Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified Intel vPro Technology Touch style match on chip fingerprint reader on the palm rest Near Field Communication Integrated Li-ion 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter • MobileMark® 2014: 18.2 hr • MobileMark 2018: 12.05 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i> • 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter Windows® 10 Home 64 or Windows 10 Pro 64 • 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-STD-810G military testing EPEAT™ Gold; ENERGY STAR® 8.0; RoHS-compliant
	13.3"	FHD (1920x1080)	IPS	Anti-reflection Anti-smudge	Multi-touch	300 nits	16:9	800:1	72%	170°		
	13.3"	FHD (1920x1080) Low Power	IPS	Anti-reflection Anti-smudge	Multi-touch	400 nits	16:9	1500:1	72%	170°		
	13.3"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	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 Convert-mode Pen	Yoga hinge, 360 degree Laptop, tent, stand and tablet ThinkPad Pen Pro, active pen for multi-touch display, on-board rechargeable											
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>											
Optical	None											
Ethernet	Native Intel Ethernet Connection I219-V ( <i>Non-vPro</i> ) or I219-LM ( <i>vPro</i> ) via optional ThinkPad Ethernet Extension Adapter Gen 2											
WLAN + Bluetooth™ <i>(opt)</i>	Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 <i>* Intel AX201 card supports BT5.1 but is limited to BT5.0 by Windows OS</i>											
WWAN <i>(optional)</i>	<ul style="list-style-type: none"> <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>											
SIM card <i>(opt)</i>	Gemalto eSIM Card											

Note: The specifications above may not be available in all regions.

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