

ThinkPad X1 Nano Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor	11th Generation Intel® Core™ i5 / i7 Processor										Smart card reader None	Media reader None	Ports 2x Thunderbolt 4 / USB4 40Gbps (w/ the function of Power Delivery and DP 1.4a), headphone / microphone combo jack, nano-SIM card slot (WWAN models) <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						
	i5-1130G7	4	8	1.8 GHz	4.0 GHz	8MB	LPDDR4x-4266	Intel Iris® Xe Graphics						
i7-1160G7	2.1 GHz			4.4 GHz	12MB									
Graphics	Intel Iris Xe Graphics in processor; supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via Thunderbolt (5120x3200@60Hz)										Monitor cable Bundled Accy (optional)	Camera Audio support	IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus HD Audio, Realtek® ALC3306 codec / Dolby® Atmos™ speaker system, 2W x 2 woofers and 1W x 2 tweeters / four 360° far-field microphones, headphone / microphone combo jack	
Chipset	Intel SoC (System on Chip) platform										Keyboard	UltraNav™	BIOS Security	
Memory	8GB or 16GB / 4266MHz LPDDR4x / soldered to systemboard, no sockets <i>* 8GB memory is NOT available in EMEA</i>													6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, LED backlight TrackPoint® pointing device and buttonless glass surface multi-touch touchpad
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Security chip	System Mgt None		
	13.0"	2K (2160x1350) Low Power	IPS	Anti-glare	-	450 nits	16:10	1000:1	100% sRGB	170°			Fingerprint reader NFC HPD (optional)	Touch style match on chip fingerprint reader on the palm rest None Human Presence Detection (HPD)
	13.0"	2K (2160x1350) Low Power	IPS	Anti-reflection Anti-smudge	Multi-touch	450 nits	16:10	1000:1	100% sRGB	170°				
Multi-touch (opt)	Capacitive-type on-cell multi-touch, supports 10-finger gesture										Battery	Max battery life	AC adapter	
Storage	One drive, 1x M.2 2242 SSD • M.2 2242 SSD / PCIe NVMe 3.0 x 4													Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) <i>MobileMark® 2018: 13.6 hr</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>
Optical	None										Operating system (optional)	Limited warranty (optional)	Mil-Spec test	
Ethernet	Gigabit Ethernet, RJ45 via optional Lenovo USB-C to Ethernet Adapter													• Windows® 10 Home 64 • Windows 10 Pro 64
WLAN + Bluetooth™	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>										Environment	WWAN (optional)	SIM card (opt)	
	• Wireless WAN upgradable (special bid only) • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card • Qualcomm Snapdragon X55 5G Modem-RF System, M.2 card <i>* For non-WWAN model, it means the model is NOT WWAN upgradable</i> Gemalto eSIM													EPEAT™ Gold; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant; optional Intel Evo Platform
Dimensions	WxDxH (multi-touch): 11.53" x 8.18" x 0.56-0.68"; 292.9mm x 207.8mm x 14.27-17.2mm WxDxH (non-touch): 11.53" x 8.18" x 0.55-0.66"; 292.8mm x 207.7mm x 13.87-16.7mm										Weight	Case color	Case material	
	Models	Non-Touch			Multi-touch									
	Wi-Fi model	1.99 lb / 907 g			2.14 lb / 969 g									
	WWAN model	2.07 lb / 939 g			2.21 lb / 1001 g									
	Black paint or black weave Display cover: Carbon Fiber; Bottom: magnesium alloy													

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

Lenovo
December 2020