

ThinkPad X1 Nano Gen 1 20UN002MGE

Product

ThinkPad X1 Nano Gen 1

Region

WE

Country/Region

Germany

Machine Type

20UN

TopSeller

TopSeller

Processor

Intel Core i7-1160G7 (4C / 8T, 2.1 / 4.4GHz, 12MB)

Graphics

Integrated Intel Iris Xe Graphics

Chipset

Intel SoC Platform

Memory

16GB Soldered LPDDR4x-4266

Storage

1TB SSD M.2 2242 PCIe 3.0x4 NVMe

Display

13.0" 2K (2160x1350) IPS 450nits Anti-glare

Touchscreen

None

Ethernet

100/1000M via Optional Adapter

Optical

None

WLAN + Bluetooth

Intel AX201 11ax, 2x2 + BT5.1

WWAN

Fibocom L850-GL

SIM Card

Gemalto eSIM

Smart Card Reader

None

Monitor Cable

None

Bundled Accessories

None

Camera

720p + IR with ThinkShutter

Microphone

4x, 360°

Case Material

Carbon Fiber (Top) + Magnesium Alloy (Bottom)

Case Color

Black, Paint

Keyboard

Backlit, German

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

Security Chip

Discrete TPM 2.0

Battery

Integrated 48Wh

Power Adapter

65W USB-C Slim

System Management

None

Operating System

Windows 10 Pro 64, German

Bundled Software

None

Base Warranty

3-year, Depot

Additional Certificates

Intel Evo Platform

Bundled Service

None

EAN / UPC / JAN

0195477132221

End of Support

2027-07-08

Announce Date

2020-12-08

Recommended Services

Best

5Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36119)

Better

4Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36132)

Good

3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36160)

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 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				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
	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)												
Chipset	Intel SoC (System on Chip) platform												
Memory	8GB or 16GB / 4266MHz LPDDR4x / soldered to systemboard, no sockets <i>* 8GB memory is NOT available in EMEA</i>												
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle			
	13.0"	2K (2160x1350) Low Power	IPS	Anti-glare	-	450 nits	16:10	1000:1	100% sRGB	170°			
	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												
Storage	One drive, 1x M.2 2242 SSD • M.2 2242 SSD / PCIe NVMe 3.0 x 4												
Optical	None												
Ethernet	Gigabit Ethernet, RJ45 via optional Lenovo USB-C to Ethernet Adapter												
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>												
WWAN (optional)	• 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>												
SIM card (opt)	Gemalto eSIM												
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	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								
Case color	Black paint or black weave												
Case material	Display cover: Carbon Fiber; Bottom: magnesium alloy												
											Keyboard 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, LED backlight		
											UltraNav™ TrackPoint® pointing device and buttonless glass surface multi-touch touchpad		
											BIOS Security Power-on password, hard disk password, supervisor password, Firmware Resiliency 2.0		
											Security chip • Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified		
											System Mgt None		
											Fingerprint reader Touch style match on chip fingerprint reader on the palm rest		
											NFC None		
											HPD (optional) Human Presence Detection (HPD)		
											Battery Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr)		
											Max battery life <i>MobileMark® 2018: 13.6 hr</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>		
											AC adapter 65W USB-C slim AC adapter		
											Operating system (optional) • Windows® 10 Home 64 • 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-810H military testing		
											Environment EPEAT™ Gold; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant; optional Intel Evo Platform		

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

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