

ThinkPad X1 Nano Gen 1 20UN002UGE

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

512GB 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

0195477131385

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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Lenovo™

ThinkPad X1 Nano Gen 1 Platform Specifications

Product Specifications Reference (PSREF)



| | | | | | | | | | | | | |
|--------------------------|--|-----------------------------|--------------|--------------------------------|---------------------|------------------|--------------|-------------------------|--|---|--|--|
| Processor | 11th Generation Intel® Core™ i5 / i7 Processor | | | | | | | | | | Smart card reader None | |
| | Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics | Media reader | None | | |
| | i5-1130G7 | 4 | 8 | 1.8 GHz | 4.0 GHz | 8MB | LPDDR4x-4266 | Intel Iris® Xe Graphics | 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> | | |
| i7-1160G7 | 2.1 GHz | | | 4.4 GHz | 12MB | Monitor cable | | | <i>Optional:</i> Lenovo USB-C to VGA Adapter | | | |
| 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) | | | | | | | | | | Bundled Accy <i>(optional)</i> | <ul style="list-style-type: none"> • Lenovo USB-C to Ethernet Adapter • Lenovo USB-C Port Replicator |
| Chipset | Intel SoC (System on Chip) platform | | | | | | | | | | Camera | IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus |
| Memory | 8GB or 16GB / 4266MHz LPDDR4x / soldered to systemboard, no sockets <i>* 8GB memory is NOT available in EMEA</i> | | | | | | | | | | Audio support | 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 |
| Display | Size | Resolution | Type | Surface | Touch | Brightness | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Keyboard | 6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, LED backlight |
| | 13.0" | 2K (2160x1350) Low Power | IPS | Anti-glare | - | 450 nits | 16:10 | 1000:1 | 100% sRGB | 170° | UltraNav™ | TrackPoint® pointing device and buttonless glass surface multi-touch touchpad |
| | 13.0" | 2K (2160x1350) Low Power | IPS | Anti-reflection Anti-smudge | Multi-touch | 450 nits | 16:10 | 1000:1 | 100% sRGB | 170° | BIOS Security | Power-on password, hard disk password, supervisor password, Firmware Resiliency 2.0 |
| Multi-touch <i>(opt)</i> | Capacitive-type on-cell multi-touch, supports 10-finger gesture | | | | | | | | | | Security chip | <ul style="list-style-type: none"> • Firmware TPM 2.0 integrated in chipset • Discrete TPM 2.0 TCG Certified |
| Storage | One drive, 1x M.2 2242 SSD • M.2 2242 SSD / PCIe NVMe 3.0 x 4 | | | | | | | | | | System Mgt | None |
| Optical | None | | | | | | | | | | Fingerprint reader | Touch style match on chip fingerprint reader on the palm rest |
| Ethernet | Gigabit Ethernet, RJ45 via optional Lenovo USB-C to Ethernet Adapter | | | | | | | | | | NFC | None |
| 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> | | | | | | | | | | HPD <i>(optional)</i> | Human Presence Detection (HPD) |
| WWAN <i>(optional)</i> | <ul style="list-style-type: none"> • 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> | | | | | | | | | | Battery | Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) |
| SIM card <i>(opt)</i> | Gemalto eSIM | | | | | | | | | | Max battery life | <i>MobileMark® 2018:</i> 13.6 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i> |
| 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 | | | | | | | | | | AC adapter | 65W USB-C slim AC adapter |
| Weight | Models | Non-Touch | | | | Multi-touch | | | | Operating system | <ul style="list-style-type: none"> • Windows® 10 Home 64 • Windows 10 Pro 64 | |
| | Wi-Fi model | 1.99 lb / 907 g | | | | 2.14 lb / 969 g | | | | Limited warranty <i>(optional)</i> | <ul style="list-style-type: none"> • 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 | |
| | WWAN model | 2.07 lb / 939 g | | | | 2.21 lb / 1001 g | | | | Mil-Spec test | MIL-STD-810H military testing | |
| Case color | Black paint or black weave | | | | | | | | | | Environment | EPEAT™ Gold; ENERGY STAR® 8.0; TCO Certified; RoHS-compliant; optional Intel Evo Platform |
| Case material | Display cover: Carbon Fiber; Bottom: magnesium alloy | | | | | | | | | | | |

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

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