

# ThinkPad X1 Nano Gen 2

Co-engineered with Intel, the X1 Nano Gen 2 design will meet the requirements of an Intel Evo laptop through Intel's hardware specifications and key experience targets for responsiveness, instant wake, battery life, fast charge and intelligent collaboration. Designs still need to officially pass all verification to use the Evo Branding.



## performance

### PROCESSOR

Up to 12<sup>th</sup> Gen Intel® Core™ i7 Intel® vPro® processor

### OPERATING SYSTEM

Up to Windows 11 Pro, Fedora or Ubuntu Linux  
Supports Windows 10 Pro preinstalled through downgrade rights in Windows 11 Pro

### GRAPHICS

Intel® Iris® X<sup>e</sup> Graphics

### CAMERA

FHD IR Hybrid camera with webcam shutter  
FHD + IR MIPI Computer Vision camera with webcam shutter

### MEMORY

Up to 32GB LPDDR5

### STORAGE

Up to 1TB PCIe SSD

### BATTERY

49.6 Whr battery

### AC ADAPTER

USB Type-C 65W Slim AC Adapter (supports Rapid Charge)

### AUDIO

Dolby® Atmos® Speaker System with Dolby® Voice  
4x 360-degree Quad-Array Microphones

## security

Intel vPro® security  
Match on Chip Fingerprint Reader  
IR camera option with Windows Hello facial recognition  
PrivacyAlert with Glance App  
Computer Vision Human Presence Detection  
dTPM 2.0 chip  
Webcam privacy shutter  
Tile ready



## connectivity

### INPUT/OUTPUT PORTS

2x Thunderbolt™ 4  
1x Audio (Headphone and Microphone Combo Jack)  
1x Nano SIM

### WIRELESS

Intel® Wi-Fi 6E (requires Windows 11)  
5G sub-6 (CAT20) with eSIM and physical nano SIM  
4G/LTE (CAT16) with physical nano SIM  
Bluetooth® 5.2

### DOCKING

Thunderbolt Dock  
USB-C Dock

## design

### DISPLAY

13" Non-touch 2K with Dolby® Vision™  
(2160 x 1350, 450nit) 100% sRGB, Low Blue Light  
13" AOFT (Touch) 2K with Dolby® Vision™  
(2160 x 1350, 450nit) 100% sRGB, Low Blue Light

### DIMENSIONS (W X D X H)

*Non-touch*  
293.2 x 208.0 x 14.47 mm  
11.5 x 8.19 x 0.57 inches

*Touch*  
293.3 x 208.1 x 14.77 mm  
11.5 x 8.19 x 0.58 inches

### WEIGHT

Starting at 970 g/2.13 lbs.

### MIL-STD

MIL-SPEC 810H

### KEYBOARD

Backlit keyboard with TrackPoint and glass TouchPad

### COLORS

Deep Black with optional Carbon Fiber Weave Top Cover

## sustainability

### MATERIAL

97% PCC recycled plastic used in the 49.6 Whr battery  
30% PCC recycled plastic used in speaker enclosure  
Low-temperature solder  
90% recycled and/or sustainable packaging<sup>1</sup>

### CERTIFICATIONS

ENERGY STAR® certified  
EPEAT® Gold registered in U.S., Canada, and Germany  
TCO v9

<sup>1</sup>Product packaging shall contain, on average, a minimum total percentage of 90% by weight of any combination of the following materials: Recycled content, biobased plastic, non-wood biobased fiber material, and/or sustainably forested material.

# ThinkPad X1 Nano Gen 2

The lightweight, go-anywhere laptop of choice for professionals, ThinkPad X1 Nano Gen 2 is packed with updates that users are sure to appreciate. On the lid, a new design feature called the communications bar highlights the new FHD camera options and microphone features while also making it easier to open and close. New lightweight touch technology provides an exceptional touch user experience and keeps the device easily portable.

ThinkPad X1 Nano Gen 2 continues to provide outstanding performance through Intel vPro® with 12<sup>th</sup> Gen Intel® Core™ i7 processors and blazing-fast Gigabit connectivity via Intel® Wi-Fi 6E and optional 5G sub-6 CAT20 WWAN capabilities. Built-in ThinkShield and Intel vPro® platform security comprised of hardware-assisted virtualization and encryption that helps prevent attacks against the OS, login credentials, installed applications, and data combine with an improved lineup of AI and biometric authentication to keep devices, users, and their data secure.

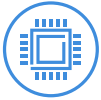


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Smarter  
technology  
for all

Lenovo

# ThinkPad X1 Nano Gen 2



## WORK FROM ANYWHERE

ThinkPad X1 Nano Gen 2 remains as portable as ever. It's also built on the Intel® Evo™ platform powered by up to Intel vPro® with 12<sup>th</sup> Gen Intel® Core™ i7 processors to intelligently allocate workloads for world-class performance in real-world conditions. Watch productivity soar with Windows 11 Pro, up to 32GB LPDDR5 memory, and greater PCIe SSD storage. Connectivity is never an issue with 5G sub-6 CAT20 WWAN capabilities plus Intel® Wi-Fi 6E (Gig+), which enables up to 6x faster speeds than standard Wi-Fi 5 in the office\* and nearly 3x faster speeds at home.



## GET IN TOUCH

Users enjoy expansive and vibrant views on a 13-inch 16:10 Dolby® Vision™ 2K display with Intel® Iris® X<sup>e</sup> Graphics. An optional touch display features new add on film touch (AOFT) technology to enable a better interactive experience without adding much weight.



## CONFERENCE WITH CONFIDENCE

Video conferencing becomes even more immersive with ThinkPad X1 Nano Gen 2. The Dolby® Atmos® Speaker System is complemented by new Dolby® Voice with noise suppression with Intel® GNA 2.0, which strips away unwanted audio from the environment with minimal impact on battery life and responsiveness, while new FHD camera options ensure users are seen with supreme clarity.



## SMARTER AI

With the addition of Computer Vision technology, ThinkPad X1 Nano Gen 2 offers more intelligent security, power management, and privacy. Computer Vision can detect movement and proximity in all awake or asleep states, enabling the device to lock on leave and wake on approach. It can also identify intent enabling the device to alert users to shoulder surfing, dim when users are no longer paying attention, and blur the display when users look away. It can even recognize the user while he or she is wearing a face mask.



## STAY SECURE

Along with updated ThinkShield security solutions, plus AI and biometric security features, like human presence detection, and Match On Chip Fingerprint Reader, ThinkPad X1 Nano Gen 2 is built on the Intel vPro® platform, which brings together the best of Intel innovations and helps minimize security risks by leveraging technologies deep in the silicon.

\*Based on the IEEE 802.11ax and 802.11ac specifications in legacy 5 GHz versus standard Wi-Fi. See [intel.com/PerformanceIndex \(Connectivity\)](https://www.intel.com/PerformanceIndex/Connectivity). Results may vary.



## sustainability

ThinkPad X1 Nano Gen 2 uses PCC recycled material for the battery brackets and speaker enclosures, as well as sustainable bamboo and sugarcane fiber compostable packaging. By 2025, Lenovo aims to obtain 90% of electricity for global operations from renewable sources and remove one million tons of greenhouse gas emissions from the supply chain.

## productivity

Stay productive on-the-go with a larger capacity 49.6 Whr battery.

## security

Improved ThinkShield features and biometric authentication combine with hardware-based security powered by Intel vPro® security to help protect data and your business against the latest evolving threats.

# ThinkPad X1 Nano Gen 2

Lenovo offers a comprehensive portfolio of end-to-end services to support and protect your investment—so you can focus on the job at hand, not IT.

## Services



### PREMIER SUPPORT

Bypass phone menus and scripted troubleshooting to access advanced-level technicians with the expertise needed to quickly diagnose and solve problems. Get a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.<sup>1,2</sup>



### ACCIDENTAL DAMAGE PROTECTION

Protect your investment from operational or structural damage caused by common accidents like drops, spills, or electrical surges. This protection plan helps with predictable budgeting, minimizes unexpected repair costs and provides significant savings relative to the cost of non-covered repairs.<sup>1,2</sup>



### GREEN DELIVERY

Improve sustainability for a smaller environmental impact. Green Delivery Service delivers devices in bulk packaging to reduce per-unit waste, improve operational efficiency with consolidated shipments, and allow for environmentally friendly packaging disposal. Plus, all boxes use Kraft Sealing Tape to eliminate single-use tape, and by 2025/26, 90% of PC products' packaging will be made from recycled materials.

<sup>1</sup>Up to 5 years total duration

<sup>2</sup>May not be available in all regions

## Accessories

### ThinkPad Universal Thunderbolt 4 Dock

Enables 8K display or multiple 4K displays support, silent firmware upgrades, data transfer at lightning fast 40 Gbps, and Intel® vPro®/AMT pass-through support.



PN: 40B00135xx

### ThinkPad X1 Presenter Mouse

Combo ergonomic mouse and virtual gyro laser presenter with highlight and magnify options. Pairs via dual-mode 2.4G wireless or Bluetooth® 5.0.



PN: 4Y50U45359

### Lenovo Go Wireless ANC Headset

With Microsoft Teams Certification and cutting-edge noise cancellation technology, both office and remote workers will have the tools they need to tune-out distractions and tune-in to their work - all in one headset.



PN: 4XD1C99221