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.
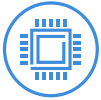
ThinkPad X1 Nano Gen 2 continues to provide outstanding performance through 12th gen Intel® Core™ i7 vPro® processors and blazing-fast Gigabit connectivity via Intel® Wi-Fi 6E and optional 5G sub-6 CAT20 WWAN capabilities. Built-in ThinkShield and Intel vPro® platform security combine with an improved lineup of AI and biometric authentication to keep devices, users, and their data secure.

Smarter technology for all

Lenovo

ThinkPad X1 Nano Gen 2

WORK FROM ANYWHERE

ThinkPad X1 Nano Gen 2 remains as portable as ever while delivering world-class performance in real-world conditions via the Intel® Evo™ platform powered by up to 12th Gen Intel® Core™ i7 vPro® processors. Watch productivity soar with Windows 11 Pro, up to 32GB LPDDR5 memory, and greater PCIe SSD storage. Connectivity is never an issue either with Intel® Wi-Fi 6E and 5G sub-6 CAT20 WWAN capabilities.

GET IN TOUCH

Users enjoy expansive and vibrant views on a 13-inch 16:10 Dolby® Vision™ 2K display with Intel® Iris® Xᵉ 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 technology for even more natural audio experience, while new FHD camera options ensure users are seen with supreme clarity.
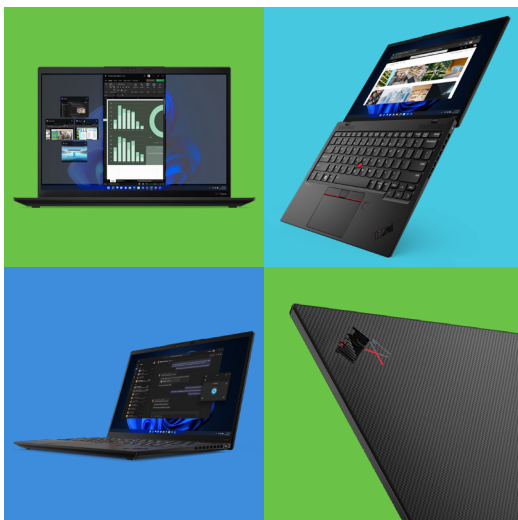
SMARTER AI

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 for unmatched security to better safeguard data and devices.

sustainability

ThinkPad X1 Nano Gen 2 is shipped in plastic-free, tapeless, fully-recyclable packaging. Additionally, by 2025, Lenovo aims to use 100% post-consumer recycled materials in the manufacturing of its PC products and 90% recycled materials in its PC product packaging.

productivity

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

security

Improved ThinkShield features and biometric authentication combine with the built-for-business Intel vPro® platform for unmatched user and data security.

Lenovo

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

Provides direct access to skilled and experienced Lenovo technicians offering comprehensive hardware and software support. Gives you a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.

ACCIDENTAL DAMAGE PROTECTION (ADP)

Prevents the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

GREEN DELIVERY

Improves sustainability for a smaller environmental impact. This service delivers devices in bulk and/or tapeless packaging to reduce per-unit waste, improve operational efficiency with consolidated shipments, and allow for environmentally-friendly packaging disposal.

Accessories

ThinkPad USB-C Dock Gen 2

Broadly compatible, this dock expands data, power, and video, providing one connection with no limitations.

PN: 40AS0090US

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

ThinkPad X1 Active Noise Cancellation Headphones

Lightweight headphones that provide professional conferencing sound quality with ANC/ENC settings. Connect or charge via USB Type-C or Bluetooth® 5.0.

PN: 4XD0U47635

Lenovo

ThinkPad X1 Nano Gen 2

performance

PROCESSOR
Up to 12th generation Intel® Core™ i7 vPro® 14-core
P28 series processors

OPERATING SYSTEM
Up to Windows 11 Pro, Fedora, and Ubuntu Linux

Windows 10 Pro preinstalled through downgrade rights
in Windows 11 Pro

GRAPHICS
Intel® Iris® Xe Graphics

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

MEMORY
Up to 32GB LPDDR5

STORAGE
Up to 2TB PCIe SSD

BATTERY
49.6 Whr battery

AC ADAPTER
Up to Type-C 65W (supports Rapid Charge)

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

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 eSIM and physical nano SIM
4G/LTE (CAT4) with physical nano SIM (PRC only)
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

CERTIFICATIONS
Energy Star® 8.0
EPEAT™ Gold