

ThinkPad X1 Carbon Gen 13 Aura Edition 21NX0082MX

Lenovo

PSREF
Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ Ultra 7 255U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 5.2GHz, 12MB

AI PC Category^[1]

AI PC

NPU

Integrated Intel® AI Boost, up to 12 TOPS

Graphics

Integrated Intel® Graphics

Chipset

Intel® SoC Platform

Memory^[2]

32GB Soldered LPDDR5x-8400

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

32GB soldered memory, not upgradable

Storage

1TB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal 2.0

Storage Slot

Models with U series processor: one M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support^[3]

One drive, up to 2TB M.2 2280 SSD

Audio Chip

Models with U or H series processor: High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®

Microphone

2x, 360°

Camera

UHD 8.0MP + IR Discrete with Privacy Shutter, MIPI, Computer Vision

Battery

57Wh

Power Adapter

65W USB-C® Slim GaN (3-pin)

DESIGN

Display^[4]

14" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, ThinkPad® Privacy Guard

Screen-to-Body Ratio

89.2%

Pen

Pen Not Supported

Keyboard

Backlit, Nordic (DK/FI/NO/SV)

Touchpad

Haptic Touchpad

Dimensions (WxDxH)^[5]

312.80 x 214.75 x 8.38/14.77 (front/rear), 17.95 (maximum) mm;
12.31 x 8.45 x 0.33/0.58 (front/rear), 0.71 (maximum) inches

Weight^[6]

Starting at 1006 g (2.22 lbs)

Case Color

Black, Paint

Case Material

Carbon Fiber (Top), Aluminium (Bottom)

SOFTWARE

Operating System

Windows® 11 Pro, Nordic (DK/FI/SV/NO/EN)

Bundled Software

Intel® Connectivity Performance Suite

CONNECTIVITY

WLAN + Bluetooth^[7]

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3

WWAN

Quectel RM520N-GL, 5G Sub-6 GHz, with Embedded eSIM

Ethernet^[8]

No Onboard Ethernet

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

Optional Ports (configured)

1x Nano-SIM Card Slot

Docking

Various docking solutions supported via Thunderbolt™ / USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® X1 Carbon Gen 13 Aura Edition](#)

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0 Enabled

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Fingerprint Reader

Touch Style, Match-on-Chip, in Keyboard Key

Other Security

- Camera privacy shutter
- Computer Vision-based User Presence Sensing including lock on leave
- ThinkShield
- IR camera for Windows® Hello (facial recognition)
- Privacy Guard with Privacy Alert (models with ThinkPad® Privacy Guard display)

MANAGEABILITY

System Management

Non-vPro®

SERVICE

Base Warranty

3-year, Courier or Carry-in

Included Upgrade

3Y Premier Support WHB (CPN)

CERTIFICATIONS

Green Certifications^[9]

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 10.0

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

- Eyesafe® Certified 2.0
- Intel® Evo™ Platform
- SGS High Performance AI PC Certification
- TÜV Rheinland® Dynamic Privacy Filter (DPF) Certification (Privacy Guard models)

MODEL

TopSeller : Yes **Announce Date** : 2025-04-24

EAN / UPC / JAN : 0198158772204 **End of Support** : 2031-11-18

Note:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.

[2] Installed memory is actually LPDDR5x-8533 but runs as LPDDR5x-8400 due to platform limitation.

[3] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



ThinkPad Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...



ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

- The ThinkPad Hybrid USB-C with USB-A dock is a productivity solution for any USB-C or USB-A laptop, including non-Lenovo laptops from Dell, HP, and Apple, providing power, display, and port expansion in any m...

Please click [here](#) to view the full list of accessories.



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