

ThinkPad X1 Carbon Gen 13 Aura Edition 21NS004UGE

Lenovo

PSREF
Product Specifications
Reference

PERFORMANCE

Processor

Intel® Core™ Ultra 7 258V, 8C (4P + 4LPE) / 8T, Max Turbo up to 4.8GHz, 12MB

AI PC Category

Copilot+ PC

NPU

Integrated Intel® AI Boost, up to 47 TOPS

Graphics

Integrated Intel® Arc™ Graphics 140V

Chipset

Intel® SoC Platform

Memory

32GB Soldered LPDDR5x-8533, MoP Memory

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 V or H series processor: one M.2 2280 PCIe® 5.0 x4 slot

Max Storage Support^[1]

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

Audio Chip

Lunar Lake: High Definition (HD) Audio, Realtek® ALC713 codec

Speakers

Stereo speakers, 2W x2, Dolby Atmos®

Microphone

2x, 360°

Camera

FHD 1080p + IR Discrete with Privacy Shutter

Battery

57Wh

Power Adapter

65W USB-C® Slim GaN (3-pin)

DESIGN

Display

14" 2.8K (2880x1800) OLED 500nits Anti-glare / Anti-reflection / Anti-smudge, 100% DCI-P3, 120Hz VRR, DisplayHDR™ True Black 500, Dolby Vision®

Screen-to-Body Ratio

89.2%

Pen

Pen Not Supported

Keyboard

Backlit, German

Touchpad

Haptic Touchpad

Dimensions (WxDxH)^[2]

312.80 x 214.75 x 8.08/14.37 (front/rear), 16.95 (maximum) mm;
12.31 x 8.45 x 0.32/0.56 (front/rear), 0.67 (maximum) inches

Weight^[3]

Starting at 986 g (2.17 lbs)

Case Color

Black, Paint

Case Material

Carbon Fiber (Top), Aluminium (Bottom)

SOFTWARE

Operating System

Windows® 11 Pro, German

Bundled Software

Intel® Connectivity Performance Suite

CONNECTIVITY

WLAN + Bluetooth^[4]

Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.4

WWAN

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

Ethernet^[5]

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

- ThinkShield
- Camera privacy shutter
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management

Non-vPro®

SERVICE

Base Warranty

3-year, Courier or Carry-in

Included Upgrade

3Y Premier Support WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

CERTIFICATIONS

Green Certifications^[6]

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

- Eyesafe® Certified 2.0
- Intel® Evo™ Platform
- SGS High Performance AI PC Certification

MODEL

TopSeller	: Yes	Announce Date	: 2025-02-21
EAN / UPC / JAN	: 0198156501363	End of Support	: 2031-06-05

Note:

[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[2] The system dimensions may vary depending on configurations.

[3] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[4] Wi-Fi 7 operation is subject to the regulation rules in each country.

[5] Ethernet support via optional Lenovo USB-C to Ethernet Adapter.

[6] EPEAT is registered where applicable, please visit [epeat.net](#) for registration status by country.

• Lenovo reserves the right to change specifications without notice.

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

Premier Support - A direct 24x7x365 line to our most elite technicians.



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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



Lenovo Professional Wireless Rechargeable Combo Keyboard and Mouse -US English

4X31R64316

The Lenovo Professional Wireless Rechargeable Combo Keyboard and Mouse is a revolution in productivity and design. Its full-size keyboard features scissor switches that create an elevated typing experience and improve...

Recommended Services

BETTER

4Y Lenovo Support (Premier Support + KYD + 3Y SBTY + International Upg) (5PS1D67029)

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



PSREF
Product Specifications
Reference