ThinkPad X1 Carbon Gen 13 21NS0010MZ

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 Support[1]
One drive, up to 2TB M.2 2280 SSD

Storage Slot
One M.2 2280 PCIe® 5.0 x4 slot

Card Reader
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC713 codec

Speakers
Stereo speakers, 2W x2, Dolby Atmos®

Camera
FHD 1080p + IR Discrete with Privacy Shutter

Microphone
2x, 360°

Battery
Integrated 57Wh

Power Adapter
65W USB-C® Slim GaN (3-pin)

DESIGN

Display
14" 2.8K (2880x1800) OLED 400nits Anti-glare / Anti-reflection / Anti-smudge, 100% DCI-P3, 120Hz, DisplayHDR™ True Black 500, Dolby Vision®

Touchscreen
None

Keyboard
Backlit, Swiss

Touchpad
Haptic Touchpad

Case Color
Black, Paint

Case Material
Carbon Fiber (Top), Magnesium (Bottom)

Pen
Pen Not Supported

Dimensions (WxDxH)[2]
312.80 x 214.75 x 8.08-14.37 mm (12.31 x 8.45 x 0.32-0.56 inches)

Weight[3]
Models with Haptic Touchpad | Starting at 996g (2.19 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

Bundled Software
Intel® Connectivity Performance Suite

CONNECTIVITY

Ethernet[4]
No Onboard Ethernet

WLAN + Bluetooth®[5]
Intel® Wi-Fi® 7 BE201, 802.11be 2x2 + BT5.3

WWAN
Non-WWAN

SIM Card
None

NFC
None

Standard Ports
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 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

Optional Ports (configured)
None

Docking
Various docking solutions supported via Thunderbolt™ / USB-C®.
For more compatible docking solutions, please visit Docking for ThinkPad® X1 Carbon Gen 13

SECURITY & PRIVACY

Smart Card Reader
None

Security Chip
Discrete TPM 2.0 Enabled

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

Physical Locks
Kensington® Nano Security Slot™, 2.5 x 6 mm

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

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
3Y Premier Support Upgrade from 3Y Courier/Carry-in, CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

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

Other Certifications
- Intel® Evo™ Platform
- Eyesafe® Certified 2.0

Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	**Announce Date**	: 2024-11-05
EAN / UPC / JAN	: 0198155192791	**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 reserves the right to change specifications without notice.

To see more note information, please link to
https://psref.lenovo.com/Detail/2520?M=21NS0010MZ

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

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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 ...

Recommended Services

BETTER	4Y Lenovo Support (Premier Support + KYD + 3Y SBTY + International Upg) (5PS1D67029)
GOOD	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39253)

For a full list of accessories and services, please visit:
https://smartfind.Lenovo.com

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