

ThinkPad X1 Carbon Gen 13

PERFORMANCE

Processor
Intel® Core™ Ultra 5 225U, 12C (2P + 8E + 2LPE) / 14T, Max Turbo up to 4.8GHz, 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]
16GB Soldered LPDDR5x-8400
Memory Slots
Memory soldered to systemboard, no slots, dual-channel
Max Memory
16GB soldered memory, not upgradable
Storage
512GB SSD M.2 2280 PCIe® 5.0x4 Performance NVMe® Opal 2.0
Storage Support ^[3]
One drive, up to 2TB M.2 2280 SSD
Storage Slot
Models with U series processor: one M.2 2280 PCIe® 4.0 x4 slot
Card Reader
None
Audio Chip
Models with U or H series processor: High Definition (HD) Audio, Realtek® ALC3306 codec
Speakers
Stereo speakers, 2W x2, Dolby Atmos®
Camera
FHD 1080p + IR Discrete with Privacy Shutter
Microphone
2x, 360°
Battery
57Wh
Power Adapter
65W USB-C® Slim GaN (3-pin)
DESIGN
Display ^[4]
14" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, Low Power
Touchscreen
None

Keyboard
Backlit, German
Touchpad
Haptic Touchpad
Case Color
Black, Paint
Case Material
Carbon Fiber (Top), Aluminium (Bottom)
Pen
Pen Not Supported
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)
SOFTWARE
Operating System
Windows® 11 Pro, German
Bundled Software
Intel® Connectivity Performance Suite
CONNECTIVITY
WLAN + Bluetooth ^[7]
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
WWAN
Quectel EM160R-GL, 4G LTE CAT16, with Embedded eSIM
SIM Card
None
Ethernet ^[8]
No Onboard Ethernet
NFC
None
Standard Ports
<ul style="list-style-type: none">1x USB-A (USB 5Gbps / USB 3.2 Gen 1)1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.11x HDMI® 2.1, up to 4K/60Hz1x 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

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
<ul style="list-style-type: none">Camera privacy shutterUltrasonic Human Presence DetectionIR 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)

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications ^[9]
<ul style="list-style-type: none">ENERGY STAR® 8.0EPEAT™ Gold RegisteredErP Lot 6/26RoHS compliantTCO Certified 10.0

Other Certifications
<ul style="list-style-type: none">Eyesafe® Certified 2.0Intel® Evo™ Platform

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

MODEL

TopSeller	: Yes	Announce Date	: 2025-05-13
EAN / UPC / JAN	: 0199271324622	End of Support	: 2031-11-18

Note:
^[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to <https://psref.lenovo.com/Detail/2520?M=21NX00F3GE>

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

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>

PSREF
Product Specifications
Reference