

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
AI PC
NPU
Integrated Intel® AI Boost, up to 12 TOPS
Graphics
Integrated Intel® Graphics
Chipset
Intel® SoC Platform
Memory^[1]
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® 4.0x4 NVMe® Opal 2.0
Storage Support^[2]
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^[3]
14" WUXGA (1920x1200) IPS 500nits Anti-glare, 100% sRGB, 60Hz, Low Power
Touchscreen
None

Keyboard
Backlit, English (EU)
Touchpad
Haptic Touchpad
Case Color
Black, Paint
Case Material
Carbon Fiber (Top), Aluminium (Bottom)
Pen
Pen Not Supported
Dimensions (WxDxH)^[4]
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^[5]
Starting at 1006 g (2.22 lbs)
SOFTWARE
Operating System
Windows® 11 Pro, WE (EN/FR/DE/NL/IT)
Bundled Software
Intel® Connectivity Performance Suite
CONNECTIVITY
WLAN + Bluetooth^[6]
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3
WWAN
WWAN Upgradable to 5G
SIM Card
None
Ethernet^[7]
No Onboard Ethernet
NFC
None
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

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
- Camera privacy shutter - Ultrasonic Human Presence Detection - 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)

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications^[8]
- ENERGY STAR® 8.0 - EPEAT™ Gold Registered - ErP Lot 6/26 - RoHS compliant - TCO Certified 10.0

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

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

MODEL

TopSeller	: Yes	Announce Date	: 2025-04-18
EAN / UPC / JAN	: 0198158600255	End of Support	: 2031-11-18

Note:
[1] Installed memory is actually LPDDR5x-8533 but run as.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to <https://psref.lenovo.com/Detail/2520?M=21NY000WMH>

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

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

BEST	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39253)
BETTER	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)
GOOD	3Y Accidental Damage Protection Add On (5PS0F15928)

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

PSREF
Product Specifications
Reference