ThinkPad X1 Carbon Gen 10

This redesigned laptop is a powerhouse of performance-boosting features, and yet comes in an ultrathin and ultralight form factor – ideal for new-gen professionals. Powered by up to 12th Gen Intel Core processor and up to 2TB SSD storage, it delivers superior and swifter computing experience while working on heavy-duty applications or complex data and files. Battery life up to 13 hours means work from anywhere, full day, without needing to worry about power outlet.

Comes with comprehensive security solutions, including camera shutter to protect user privacy during calls or meetings. With smart power-on touch fingerprint reader, users can boot up and login simultaneously; computer vision-based human presence detection locks the device when the user walks away.

With a range of ports, including Thunderbolt 4, 2x USB 3.2, and HDMI ports, connect multiple peripherals as well as experience faster downloads and quick file transfers.

Starting from just 14.95mm (0.59") thin and with a starting weight at 1.12 kg (2.48 lbs) , this laptop neatly balances premium design and powerful performance.

Redefining possibilities with powerful performance and groundbreaking on-device AI

The ultimate device for any mobile worker or executive, ThinkPad X1 Series combines the latest productivity and security technologies with sleek and lightweight designs.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..

Warranty Extensions

- Purchase additional warranty periods from 1 to 5 years
- Buy at any point with or after your device purchase
- Optional On-site Service

Accessories

ThinkPad X1 Active Noise Cancellation Headphones

- Ambient & electronic noise cancellation, integrated boom-less mic for calls
- Bluetooth 5.0 connectivity with USB-C charging in under 3 hours
- Lightweight 214g (0.47lbs) design with memory foam ear cups

PN: 4XD0U47635

ThinkPad X1 Leather Sleeve

- Thin design to complement ThinkPad X1 Carbon or Yoga
- Black leather with soft-touch grey microfiber interior and magnetic closure
- Convenient storage loop for pen or style and rear pocket for accessories

PN: 4X40U97972

ThinkPad X1 Carbon Gen 10

Performance

Processor
12th Gen Intel U or P Series Core i5 / i7

Operating System
Up to Windows 11 Pro

Graphics
Intel Iris Xe Graphics eligible (integrated)

Memory
8GB LPDDR5-5200, soldered
16GB LPDDR5-5200, soldered
32GB LPDDR5-5200, soldered

Storage [1]
Up to 1x 2TB M.2 2280 PCIe NVMe SSD

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

Audio
High Definition (HD) Audio
Stereo speakers, 2W x2 woofers and 0.8W x2 tweeters
Dolby Atmos
Quad-microphone array, 360° far-field, Dolby Voice

Camera*
HD 720p, with privacy shutter
FHD 1080p, with privacy shutter
FHD 1080p + IR hybrid, with privacy shutter
FHD 1080p + IR discrete, MIPI, with privacy shutter & Computer Vision

Battery [2]
57Wh (up to 15.0 hr) battery, Rapid Charge

[2]Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

Power Adapter*
45W USB-C adapter, PD 3.0
65W USB-C adapter, PD 3.0
65W USB-C slim adapter, PD 3.0

Design

Display [3]
14" WUXGA (1920x1200) IPS Anti-glare 16:10
- 400nits, 100% sRGB, low power, Eyesafe
- 400nits, 100% sRGB, on-cell touch, low power, Eyesafe
- 500nits, 100% sRGB, on-cell touch, ThinkPad Privacy Guard

14" 2.2K (2240x1400) IPS Anti-glare 16:10
- 300nits, 100% sRGB, TÜV Low Blue Light (Hardware Solution)

14" 2.8K (2880x1800) OLED AGARAS 16:10
- 400nits, 100% DCI-P3, DisplayHDR True Black 500, Dolby Vision, Eyesafe

14" WQUXGA (3840x2400) IPS Glossy 16:10
- 500nits, 100% DCI-P3, low power, Dolby Vision, Eyesafe

14" WQUXGA (3840x2400) IPS AGARAS 16:10
- 500nits, 100% DCI-P3, Add-on Film touch, low power, Dolby Vision, Eyesafe

[3]IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Keyboard
6-row, spill-resistant, air intake design, backlight

Touchpad
TrackPoint and glass surface touchpad
56 x 110 mm (2.20 x 4.33 inches)

Dimensions [4]
Starting at 315.6 x 222.5 x 14.95 mm
(12.43 x 8.76 x 0.59 inches)

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

Weight [5]
Starting at 1.12 kg (2.48 lbs)

[5]The system weight is approximate and may vary depending on configurations

Color
Deep black, paint
Deep black, weave

Case material
Carbon fiber (top), aluminium (bottom)

Connectivity

WLAN + Bluetooth* [6] [7]
802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.1
Up to Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.1

[6]Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

[7]Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

WWAN*
4G LTE CAT16
5G Sub-6 GHz with embedded eSIM

NFC
Near Field Communication*

Ports
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (Always On)
2x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0, DP 1.4a)
1x HDMI 2.1, up to 4K/60Hz
1x Headphone / microphone combo jack (3.5mm)
1x Nano-SIM card slot (WWAN support models)*

Docking
Docking support via Thunderbolt or USB-C

Security & Privacy

Security
Discrete TPM 2.0
Kensington Nano Security Slot
Touch style MOC fingerprint reader
Camera privacy shutter
IR camera for Windows Hello (facial recognition)*
Privacy Guard with Privacy Alert*
Computer Vision-based User Presence Sensing*
Glance by Mirametrix
Tile ready

Manageability

System Management* [8]
Intel vPro Enterprise
Intel vPro Essentials

[8]Intel vPro offers a superset of DASH's defined capabilitie

Certifications

Green Certifications [9] [10] [11]
ENERGY STAR 8.0
EPEAT Gold Registered
ErP Lot 3
TCO Certified 9.0
RoHS compliant

[9]The items listed under the "Green Certifications" section may not only refer to certification but also registration self-declaration.

[10]EPEAT registration and ENERGY STAR certification are dependent on system OS.

[11]EPEAT is registered where applicable, please see epeat.net for registration status by country.

Other Certifications
Eyesafe Certified*
Intel Evo Platform*
TÜV Rheinland Dynamic Privacy Filter (DPF) Certification*
TÜV Rheinland Low Blue Light (Hardware Solution)*
MIL-STD-810H