

# 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.

Minimal preloaded applications mean maximum battery life and responsiveness for users, and faster deployment for IT admins.

## Lenovo devices that are a class apart

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 <sup>1</sup>

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

<sup>1</sup>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 <sup>\*</sup>

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 <sup>2</sup>

57Wh (up to 15.0 hr) battery, Rapid Charge

<sup>2</sup>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 <sup>\*</sup>

45W USB-C adapter, PD 3.0  
65W USB-C adapter, PD 3.0  
65W USB-C slim adapter, PD 3.0

## Design

### Display <sup>3</sup>

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 Method 2

### 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

<sup>3</sup>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 <sup>4</sup>

Starting at 315.6 x 222.5 x 14.95 mm  
(12.43 x 8.76 x 0.59 inches)

<sup>4</sup>The system dimensions may vary depending on configurations.

### Weight <sup>5</sup>

Starting at 1.12 kg (2.48 lbs)

<sup>5</sup>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 <sup>\* 6 7</sup>

802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.1  
Up to Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.1

<sup>6</sup>Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

<sup>7</sup>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\*  
Privacy Guard with Privacy Alert\*  
Computer Vision-based User Presence Sensing\*  
Glance by Mirametrix  
Tile ready

## Manageability

### System Management <sup>\* 8</sup>

Intel vPro Enterprise  
Intel vPro Essentials

<sup>8</sup>Intel vPro offers a superset of DASH's defined capabilities.

## Certifications

### Green Certifications <sup>9 10</sup>

ENERGY STAR 8.0\*  
EPEAT Gold Registered\*  
ErP Lot 3  
TCO Certified 9.0  
RoHS compliant

<sup>9</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>10</sup>EPEAT is registered where applicable, please see <https://www.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 Method 2\*  
MIL-STD-810H