

ThinkPad X1 Carbon Gen 14 Aura Edition

Introducing the new-gen ThinkPad X1 Carbon featuring Intel® Core™ Ultra 5 / 7 / X7 Processor (Series 3), designed to enhance graphics performance and elevate AI capabilities. Compared to its predecessors, integrated Intel® Arc B390 Graphics brings next-generation AI acceleration, responsive multitasking, and smooth visual performance to demanding workflows without slowdown. Experience optimized performance on a single charge with a 58 Whr battery for a cooler, quieter PC during extended work sessions.



Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkPad X1 series laptops are chosen by professionals for their durability, portability, and powerful performance. With high-resolution displays, robust processors, and extensive connectivity options, they excel in productivity tasks.

Supercharge your work efficiency with its cutting-edge Computer Vision technology. The innovative Face Sensing feature activates the laptop upon detecting enrolled users in its range. Coupled with the high-performance UHD 10MP camera and the low-light video enhancement feature, enjoy crisp and clear visuals in any lighting situation, ensuring optimal virtual collaborations.

Experience the synergy of form and function with the premium 14" screen boasting an impressive 100,000:1 contrast ratio and 2.8K OLED display option. The expansive display ensures a more immersive visual experience, while the minimal bezel design with premium aesthetics maximizes the viewing area with minimal distractions.

Weighing 981g (2.16 lbs) and boasting compact dimensions of 312.50 x 215.75 x 8.9/15.3 (front/rear), 17.6 (maximum) mm, this laptop delivers improved ergonomics and ensures enhanced user comfort during extended periods of use.

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..



Accessories

Lenovo USB-C to 4 Port USB-A Hub

- Support for 4x USB-A output ports to boost the capabilities of your PC
- Plug-and-play technology and up to 5Gbps data transfer speeds to help save time.
- Instant access to external keyboards, mice, DVD burners or any other USB-A device.



PN: 4X90X21427

Lenovo 4K Pro Webcam

- Experience exceptional clarity with ultra-detailed 4K visuals
- Precision framing, lighting, and noise control with intelligent AI enhancements
- Seamless communication with trusted Microsoft Teams certification



PN: 4XC1Q25246

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Performance

Processor

Intel Core Ultra 5 / 7 / X7 Processor (Series 3)

AI PC Category*

Copilot+ PC

Operating System*

Windows 11 Pro or Home
Fedora or Ubuntu Linux

NPU*

Up to 50 TOPS

Graphics

Intel Graphics (integrated)
Intel Arc B390 GPU (integrated)

Memory

16GB / 24GB / 32GB / 64GB LPDDR5X-7467, soldered
32GB LPDDR5X-8533, soldered
64GB LPDDR5X-9600, soldered

Storage¹

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

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

Audio*

SoundWire
Stereo speakers, 2W x2, Dolby Atmos
Dual-microphone array, 360° far-field

Camera*

5.0MP + IR discrete, with privacy shutter, vHDR, CV on ISP, temporal noise reduction
UHD 10.0MP + IR discrete, with Privacy Shutter, MIPI, ToF sensor, ultrawide, temporal noise reduction

Battery²

58Wh (up to 19.2 hr) battery, Rapid Charge

²Battery 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*

65W USB-C adapter, PD 3.0
65W USB-C nano GaN adapter, PD 3.0
65W USB-C slim GaN adapter, PD 3.0

Design

Display³

14" WUXGA (1920x1200) IPS Anti-glare 16:10
- 500nits, 100% sRGB, low power, in-cell touch, Eyesafe
- 500nits, 100% sRGB, on-cell touch, ThinkPad Privacy Guard, Eyesafe
14" 2.8K (2880x1800) OLED Anti-glare 16:10
- 500nits, 100% DCI-P3, 120Hz VRR, DisplayHDR True Black 500, Eyesafe
14" 2.8K (2880x1800) OLED AGARAS 16:10
- 500nits, 100% DCI-P3, 120Hz VRR, DisplayHDR True Black 500, Eyesafe
- 500nits, 100% DCI-P3, 120Hz VRR, Add-on film touch, DisplayHDR True Black 500, Eyesafe

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

Screen-to-Body Ratio

88.8%

Keyboard

6-row, spill-resistant, air intake design, Copilot key, backlight

Touchpad

TrackPoint and glass surface Haptic Touchpad
80 x 130 mm (3.15 x 5.12 inches)
TrackPoint and glass-like Mylar surface 3-button Trackpad
80 x 120 mm (3.15 x 4.72 inches)

Dimensions⁴

Starting at 312.50 x 215.75 x 7.7/14.3 (front/rear), 16.85 (maximum) mm;
12.30 x 8.49 x 0.3/0.56 (front/rear), 0.66 (maximum) inches

⁴The system dimensions may vary depending on configurations.

Weight⁵

Starting at 0.977 kg (2.15 lbs)

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

Color

Black
Black, FIFA Edition

Case material

Carbon fiber (top), magnesium or aluminium (bottom)

Connectivity

WLAN + Bluetooth⁶

Intel Wi-Fi 7 BE211, 802.11be, Bluetooth 5.4

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

WWAN*

4G LTE CAT6 with embedded eSIM
5G Sub-6 GHz with embedded eSIM

NFC

Near Field Communication*

Ports

1x USB-A (USB 5Gbps), Always On
3x Thunderbolt 4, with USB PD 45-65W and DP 2.1
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

ThinkShield
Discrete TPM 2.0
Kensington Nano Security Slot
Touch style MOC fingerprint reader
Camera privacy shutter
IR camera for Windows Hello (facial recognition)
ToF based Human Presence Detection*
Computer Vision-based Human Presence Detection (CVP)
ISP*
Privacy Guard with Privacy Alert*

Manageability

System Management*⁷

Intel vPro Enterprise*

⁷Intel vPro offers a superset of DASH's defined capabilities.

Environmental

Material

Top cover: 100% Bio-based Carbon fiber plate, 61%PCC PC + 20% recycled CF frame resin
Keyboard frame: 90% recycled magnesium
Bottom cover (OLED): 90% recycled magnesium
Bottom cover (WUXGA): 50% PIC + 5% PCC recycled aluminium
Keyboard (keycaps): 85% PCC recycled material (black keyboard)
Keyboard (base plate): 50% recycled PIR aluminum
Speaker enclosure: 98% PCC recycled material
TouchPad: 30% PCC recycled material (Haptic TouchPad magnet)
Battery: 100% recycled cobalt
Battery frame: 90% PCC recycled material
Adapter: 90% PCC recycled material
Cable/antenna holders: 30% PCC + 5% Lenovo closed-loop PCC
Fan housing: 25% PCC recycled plastic, 90% recycled steel
Packaging: Plastic-free primary packaging with FSC-certified paper