

Lenovo ThinkPad

Does the perfect business notebook exist? We think so. Introducing the new Lenovo ThinkPad X1 Carbon Gen 12, boasting AI transformation, an enhanced user experience, and a more responsible design than ever. Starting with its minimalist iconic silhouette in Eclipse Black that's big on cool, to the premium OLED display with 120Hz refresh rate and high-quality 8MP MIPI camera, this next-gen clamshell delivers attention-getting features that boost confidence.

But what elevates this Lenovo ThinkPad above the PC crowd is its capacity for powerful productivity. Built on the Intel® Core™ Ultra processor with an integrated AI engine (NPU), this notebook unlocks AI experiences with AI acceleration for security, manageability, and power efficiency. Plus, the built-in Intel® Arc™ Graphics provide up to twice the graphics performance, so you're equipped to exceed project expectations every time. Other engineering upgrades, from the 44% larger thermal capacity to the enhanced keyboard with power-on key and accessibility features, combine to keep the Lenovo ThinkPad X1 Carbon at the top of its class.

Lenovo ThinkPad X1 Carbon Gen 12



Unlock new AI experiences



Smarter
technology
for all

Lenovo

Lenovo ThinkPad X1 Carbon Gen 12



FUTURE-FOCUSED NOW

The AI transformation is here, and the Lenovo ThinkPad X1 Carbon equips you for tomorrow's IT vision. With an Intel® NPU boasting 11 TOPs capable of Microsoft Studio Effects, the Intel® Core™ Ultra processor is ideal for power-efficient, sustained AI that boosts everyday productivity. This three-tier hybrid chip delivers significantly higher performance while lowering power consumption and raising security and manageability. Users get optimized performance while saving power for longer battery life and productivity when unplugged. Built on Intel vPro® and as an Intel® Evo™ Edition, this Lenovo ThinkPad gives IT what it needs—and users what they want. Top it off with seamless connecting to your iOS or Android smartphone with Intel® Unison for quick file transfers, voice calls, and text messages.



DESIGNED TO IMPRESS

This sleek notebook delivers matchless productivity with up to 64GB LPDDR5x memory and up to 2TB SSD storage, while Intel® Wi-Fi 7 and Bluetooth 5.4 capability create blazing-fast connections wherever work happens. Thanks to the 42% larger thermal capability and new rear venting, users experience an extraordinarily cool and quiet performance all day long. Crafted with extensive recycled materials, including 90% recycled magnesium (C cover), 55% recycled aluminum, and 45% hydro-aluminum (D cover), as well as PCC in its plastic parts, this new Lenovo ThinkPad is both beautiful and environmentally responsible. Plus, all the primary packaging is made from 100% recyclable bamboo.



INCOMPARABLE UX

Slimmer and lighter, this latest-gen premium Lenovo ThinkPad still delivers a larger screen-to-body ratio at 89.2%, as well as a more impressive keyboard experience that includes the fingerprint reader on the keyboard and shifted function and control keys. Choose between a larger TrackPad or ForcePad, depending on your workstyle, for enhanced touchpad functionality. Plus, the addition of tactile marking on the keyboard assists visually impaired users to navigate with ease. A premium OLED display and 120Hz refresh rate create vivid visuals, while the new 8MP MIPI camera with AI capabilities like low-light video enhancement brings virtual meetings to life.



SECURE AT EVERY LEVEL

Lenovo ThinkShield delivers end-to-end peace of mind, including secure supply chain assurance, below-the-OS protection, and OS-to-cloud solutions. Built-in Computer Vision powers the camera's Ultra Human Presence Detection, preventing visual hackers and dimming or blurring the display to protect users. Plus, as part of Intel® Core™ Ultra processor and Intel vPro® technology, protection is turned up a notch (or 10) with AI-powered security capabilities that can help detect threats before they happen, including ransomware, cryptojacking, and software supply chain attacks, thanks to Intel® Threat Detection Technology (Intel® TDT).



Lenovo

Lenovo ThinkPad X1 Carbon Gen 12

Accessories

ThinkPad X1 Carbon/Yoga Sleeve

Custom-fit sleeve that offers quick access to the device, as well as a pocket for accessories and storage loop for a pen or stylus. Exterior is premium black leather with a soft-touch gray microfiber interior.



PN: 4X40U97972

ThinkPad X1 Presenter Mouse

Combo ergonomic mouse and virtual gyro laser presenter with highlight and magnify options. Pairs via dual-mode 2.4G wireless or Bluetooth® 5.0.



PN: 4Y50U45359

ThinkPad X1 Active Noise Cancellation Headphones

Lightweight headphones that provide professional conferencing sound quality with ANC/ENC settings. Connect or charge via USB Type-C or Bluetooth® 5.0.



PN: 4XD0U47635

Lenovo Sustainability Services

Partner with Lenovo to implement more sustainable, cost-efficient practices across the device lifecycle and make a meaningful difference in how you use technology.



LENOVO TRUSCALE DEVICE AS A SERVICE (LENOVO TRUSCALE DAAS)

This subscription model is an efficient way to manage your fleet of end-user devices, optimizing resources and costs while promoting circularity. Deploy just what you need and responsibly dispose of what you don't. Supported by our suite of services, TruScale DaaS helps you prolong device usability and create a more sustainable end-to-end journey for your IT assets.



LENOVO CO₂ OFFSET PROGRAM

While minimizing and eliminating emissions is always the goal, carbon offsetting your IT fleet is another way to help manage your overall carbon footprint. We make it easy with a seamless, transparent process for Lenovo devices across your current IT fleet or new purchases—with a sustainability dashboard to view the offset metrics. The offsets are contributed to climate action projects verified by independent third-party organizations like the United Nations, CDM, Gold Standard®, and Climate Action Reserve.



LENOVO ASSET RECOVERY SERVICES

Hardware-agnostic Lenovo Asset Recovery Services (ARS) help mitigate end-of-life IT and data security risks. We reuse parts, refurbish devices, and recycle assets. Buy-backs help you fund future IT investments. And Lenovo PCs and infrastructure hardware can get a new lease on life through Lenovo Recertified Services.

Lenovo ThinkPad X1 Carbon Gen 12

Committed to sustainability

At Lenovo, we're focused on providing smarter technology that builds a brighter, more sustainable future for our customers, colleagues, communities, and the planet. We're determined to build a smarter future for all through the products and services we offer. And we partner with Intel, the industry leader in sustainable semiconductor manufacturing.

As we continue innovating to provide technology solutions that are more energy efficient and human centered like the Lenovo ThinkPad X1 Carbon Gen 12, we stay focused on empowering you to meet your own sustainability goals—and solve humanity's greatest challenges.



REDUCING GREENHOUSE GAS EMISSIONS



PACKAGING SUSTAINABILITY



SUSTAINABLE PRODUCT DESIGN



SUPPLY CHAIN SUSTAINABILITY

Responsible design **Lenovo ThinkPad X1 Carbon Gen 12**

A Cover	Recycled carbon fiber contained in the plastic frame
C Cover	90% recycled magnesium
D Cover	55% recycled aluminum 45% hydro-aluminum
Speaker Enclosure	90% PCC plastic
Battery Pack Enclosure	90% PCC plastic
Cable Holders	30% PCC plastic
Keycaps	85% PCC plastic
AC Adaptor 45/65W	90% PCC plastic
Packaging	FSC-certified plastic-free packaging Bamboo and sugarcane retail packaging and standard cushions

certifications & registries

ENERGY STAR® 8.0 certified

EPEAT® Gold registered in U.S., Canada, and Germany

TCO 9.0 Certified

CO₂ Offset

Eyesafe® certification

Intel® Evo™ platform certified



Lenovo

Lenovo ThinkPad X1 Carbon Gen 12

performance

PROCESSOR

Intel® Core™ Ultra 7 processor on Intel vPro®, Evo™ Edition platform

OPERATING SYSTEM

Windows 11 Pro or Linux Ubuntu

GRAPHICS

Intel® Arc™ Graphics

CAMERA

FHD + IR USB, 8MP + IR MIPI camera with webcam privacy shutter and Computer Vision

MEMORY

LPDDR5x 16G, 32G, 64G-6400MHz soldered down (dual channel)

STORAGE

Up to 2TB PCIe Gen4x4 SSD

BATTERY

57Whr (90% PCC)

AC ADAPTOR

45W (up to 90% PCC); 65W USB-C

AUDIO

Dolby® Atmos®
Dolby® Voice
2x speakers (90% PCC)
2x microphones

software

LENOVO VALUE-ADD PRELOADED APPS

Lenovo Commercial Vantage
Lenovo View
Intel® Unison™¹
Intel Connectivity Performance Suite
Zoom certified

security

Intel vPro® security
Firmware Shield
Power-on or MoC Touch Fingerprint Reader on keyboard
IR camera option with Windows Hello facial recognition
Privacy Guard display option
PrivacyAlert with Glance App
Computer Vision Human Presence Detection
dTPM 2.0 chip
Webcam privacy shutter
Nano Kensington™ lock slot

connectivity

INPUT/OUTPUT PORTS

2x Thunderbolt™ 4
2x USB-A 3.2 Gen 1 (5Gbps)
1x HDMI 2.1
1x Audio (Headphone and Microphone Combo Jack)
1x Nano SIM

WIRELESS

Intel® Wi-Fi 7
Intel® Wi-Fi 6E (requires Windows 11)
5G sub-6 (CAT20) with eSIM and physical nano SIM
4G LTE (CAT16) with eSIM and physical nano SIM
Bluetooth® 5.2 (limited by OS)

NFC

Yes

DOCKING

Thunderbolt Dock
USB Type-C Dock

design

DISPLAY

14" WUXGA 16:10 (1920x1200) IPS LP ARAS Touch (400nit, 100% sRGB, Eyesafe®)
14" WUXGA (1920x1200) IPS LP OCT touch AG (400nit, 100%sRGB, Eyesafe)
14" WUXGA (1920x1200) IPS Privacy Guard AG (500nit, 100%sRGB, 100%sRGB, Eyesafe)
14" 2.8k (2880x1800) OLED AGARAS (400nit, 100% DCI-P3, HDR True Black 500, Dolby Vision, Eyesafe, 120Hz)
14" 2.8k (2880x1800) OLED AOFT touch AGARAS (400nit, 100% DCI-P3, HDR True Black 500, Dolby Vision, Eyesafe, 120Hz)

DIMENSIONS (W X D X H)

312.8 x 214.75 x 14.96 mm / 12.31 x 8.45 x 0.59 inches

WEIGHT

Starting at 1.09 kg/2.42 lbs.

MIL-STD-810H

Yes

KEYBOARD

ThinkPad TrackPoint Keyboard (1.5mm travel)
Haptic TouchPad, glass 120mm
Three-button TrackPad
TrackPoint Quick Menu

COLORS

Eclipse Black



Unlock new
AI experiences

¹Intel® Unison™ solution is currently available on eligible Intel® Evo™ designs on Windows-based PCs and can only pair with Android- or iOS-based phones; all devices must run the supported OS version. See www.intel.com/performance-evo for details, including set-up requirements. Results may vary.

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