

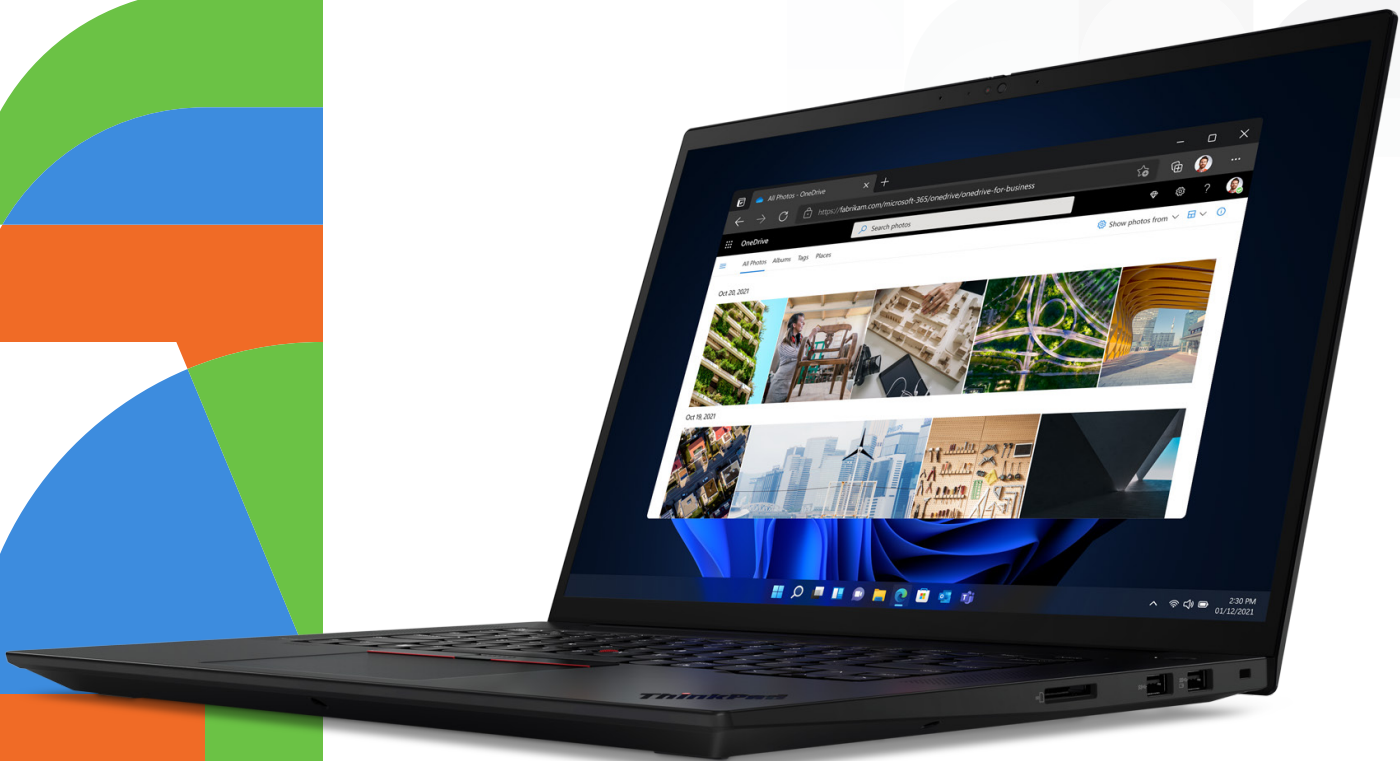
ThinkPad X1 Extreme Gen 5

ThinkPad X1 Extreme Gen 5 helps creative thinkers and doers bring their ideas to life. Built to perform with up to Intel vPro® with 12th Gen Intel® Core i9 H series processors, refreshed NVIDIA® GeForce® RTX graphics, and up to 8TB of storage with Gen 4 performance PCIe SSD, this portable powerhouse also runs on the new Windows 11 Pro OS.

The stunning 16:10 16-inch display comes in touch and non-touch options, and resolutions of up to WQUXGA Touch and 165 Hz WQXGA. Dolby Vision™ and user-facing Dolby Atmos® speakers round out the impressive audio/visual experience that make this the device of choice for full-time creative professionals and part-time gamers alike.

ThinkPad X1 Extreme Gen 5 is designed for productivity from anywhere. The FHD camera boosts the videoconference experience for a crystal-clear meeting presence. Plus, a 90 Whr battery, along with lightning-fast 5G WWAN and Intel® Wi-Fi 6/6E¹ (Gig+) mobile connectivity, deliver untethered collaboration, creativity, and brilliance.

¹6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications and spectrum allocation.



Smarter
technology
for all

Lenovo

ThinkPad X1 Extreme Gen 5



MOBILE MASTERY

ThinkPad X1 Extreme Gen 5 delivers the most power in a sleek design. It makes light work of heavy graphics, whether photo and video editing or gaming, with up to Intel vPro® 12th Gen Intel® Core™ i9 H series processors, faster DDR5 memory, and now up to 8TB of storage with dual Gen 4 performance PCIe SSDs. Accelerate inference performance with Intel® Deep Learning Boost to help speed up AI workloads, including image recognition, object detection, and other CPU-intensive tasks.



RICH AUDIOVISUAL EXPERIENCE

The brilliant 16:10 16-inch display—now with up to a 165 Hz refresh rate—makes ThinkPad X1 Extreme Gen 5 ideal for curating content or getting your game on. Other features, such as Dolby Vision™, refreshed NVIDIA® GeForce® RTX graphics, and user-facing Dolby Atmos® Speakers, create an immersive experience like no other.



EXCEPTIONAL ERGONOMICS

All-day productivity is no problem with Low Blue Light display options to minimize eye fatigue. The 115 mm wide TouchPad and backlit ThinkPad keyboard help ThinkPad X1 Extreme Gen 5 boost functional comfort as the ideas flow.



REDEFINED DESIGN

From anti-fingerprint paint to a lightweight yet durable woven top cover with carbon fiber, ThinkPad X1 Extreme Gen 5 is designed to impress. Features, like the FHD camera, four-sided narrow bezel display, and carbon-fiber weave top cover, combine to inspire awe and awesomeness.



sustainability

ThinkPad X1 Extreme Gen 5 uses PCC recycled material for the battery brackets, speaker enclosures, and AC adaptors, as well as sustainable bamboo and sugarcane fiber compostable packaging. By 2025, Lenovo aims to obtain 90% of electricity for global operations from renewable sources and remove one million tons of greenhouse gas emissions from the supply chain.

connectivity

ThinkPad X1 Extreme Gen 5 delivers unbeatable mobile connectivity performance with 5G WWAN and Intel® WiFi 6/6E¹ (Gig+) capabilities.

security

With integrated ThinkShield features, like the webcam shutter and Power-On Touch Fingerprint Reader, data stays secure in the modern hybrid work environment. Intel® Hardware Shield, available exclusively on all Intel vPro® platform-based devices, delivers integrated hardware-based PC protection for more secure business productivity.

¹6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications and spectrum allocation.

ThinkPad X1 Extreme Gen 5

Lenovo offers a comprehensive portfolio of end-to-end services to support and protect your investment—so you can focus on the job at hand, not IT.

Services



PREMIER SUPPORT

Provides direct access to skilled and experienced Lenovo technicians offering comprehensive hardware and software support. Gives you a consistent point of contact within Lenovo to ensure that your case resolution is professionally managed from start to finish.



CO₂ OFFSET SERVICE

As an option with the hardware purchase, the Lenovo CO₂ Offset Service gives customers a simple and transparent way to give back to the environment by helping them offset the carbon emissions associated with their Lenovo PC. With it, Lenovo has calculated the carbon emissions of its PCs across their lifecycle, from manufacture and shipment, all the way through usage and disposal. Carbon offset credits are later purchased based on the calculated emissions of the specific device, and Lenovo's carbon offset partner contributes them to one of several United Nations Climate Action projects.



BULK PACKAGING SERVICE

Bulk Packaging is an environmental packaging solution designed for multiple product types. Each package contains multiples of one like-type product to minimize the amount of material used without jeopardizing the integrity of packaging necessary to protect product in shipping process.

Accessories

ThinkPad Thunderbolt 4 Dock

Enables 8K display or multiple 4K displays support, silent firmware upgrades, data transfer at lightning fast 40 Gbps, and Intel® vPro®/AMT pass-through support.



PN: 40B00135US

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



ThinkPad X1 Extreme Gen 5

performance

PROCESSOR

Up to 12th Gen Intel® Core™ i9 vPro® processor H series

OPERATING SYSTEM

Up to Windows 11 Pro or Ubuntu Linux
Windows 10 Pro preinstalled through downgrade rights in Windows 11 Pro

GRAPHICS

NVIDIA GeForce RTX-3050Ti 4GB GDDR6
NVIDIA GeForce RTX-3060 8GB GDDR6
NVIDIA GeForce RTX-3070Ti 8GB GDDR6
NVIDIA GeForce RTX-3080Ti 16GB GDDR6

CAMERA

FHD IR Hybrid with webcam shutter

MEMORY

Up to 64GB DDR5 (4800MHz)
2x SO-DIMM Slots

STORAGE

Up to 8TB total
2x M.2 PCIe Gen 4 performance SSD

BATTERY

90 Whr

AC ADAPTER

Slim Tip 170W (supports RapidCharge)
Slim Tip 230W (supports RapidCharge)

AUDIO

Dolby® Atmos® Speaker System
2x Far-field mics

security

Power-On MoC Touch Fingerprint Reader
FHD IR Hybrid Camera
dTPM 2.0 chip
Intel® Hardware Shield
Webcam shutter
Tile ready
Nano Kensington™ lock slot
Supports Intel® Remote Secure Erase

connectivity

INPUT/OUTPUT PORTS

2x USB-A 3.2 Gen 1
2x Thunderbolt™ 4
1x SD Card (SD Express 7.0)
1x HDMI 2.1
1x Audio (headphone and microphone combo jack)

WIRELESS

Intel® Wi-Fi 6E (requires Windows 11 Pro)¹
5G sub-6 (CAT20) eSIM
4G/LTE (CAT4) PRC only
Bluetooth® 5.2

NFC

Yes

DOCKING

Thunderbolt™ 4 dock
Thunderbolt™ 3 dock
USB 3 dock

design

DISPLAY

16" display, 16:10 ratio
WQXGA IPS AG Narrow Non-touch, 500nit, 100% sRGB, 165Hz, Low Blue Light
WUXGA IPS AG Narrow Non-touch, 300nit, 100% sRGB
WQUXGA IPS AG Non-touch, 600nit, 100% Adobe, HDR400, Dolby Vision, Low Blue Light
WQUXGA IPS Touch AR/AS, 600nit, 100% Adobe, HDR400, Dolby Vision, Low Blue Light

DIMENSIONS (W X D X H)

Starting at 359.5 x 253.8 x 17.9 mm / 14.13 x 9.99 x 0.78 in

WEIGHT

Starting at 4.14 lbs/1.88 kg

KEYBOARD

Bottom-load backlit keyboard with white LED, 1.5 mm stroke
Wide TouchPad (115 x 62 mm)

COLORS

Deep Black
Top cover color: Black or Woven Carbon Fiber

sustainability

MATERIAL

30% PCC recycled plastic used in speaker enclosure
30% PCC recycled plastic used in the 90 Whr battery
Low-temperature solder
90% recycled and/or sustainable packaging²

CERTIFICATIONS

ENERGY STAR® certified
EPEAT® Gold, registered in the U.S., Canada, and Germany
TCO v9

¹6GHz Wi-Fi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi 6E, and the regional regulatory certifications and spectrum allocation.

²Product packaging shall contain, on average, a minimum total percentage of 90% by weight of any combination of the following materials: Recycled content, biobased plastic, non-wood biobased fiber material, and/or sustainably forested material.

