Lenovo ThinkPad X1 Extreme GEN 4

Now, creative thinkers—and doers—can take their imagination to the extreme. The completely reimagined ThinkPad X1 Extreme Gen 4 is built to perform with up to 11th Gen Intel® Core i9 vPro® processor H series, NVIDIA® GeForce® RTX 3080 laptop graphics, and up to 4TB of storage with Gen 4 performance PCIe SSD. Bringing all that power to life is the beautiful new 16” 16:10 panel display with ultra-thin bezels, Dolby Vision™, and larger user-facing Dolby Atmos® speakers.

Because inspiration can’t be confined to a desk, the ThinkPad X1 Extreme Gen 4 is designed for productivity from anywhere. The new FHD camera boosts the videoconference experience for a crystal-clear meeting presence. Plus, a larger 90Whr battery, along with the industry’s best 5G and Intel® Wi-Fi 6/6E1 (Gig+) mobile connectivity, deliver untethered collaboration, creativity, and brilliance.

1 GHz WiFi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support WiFi 6E, and the regional/regulatory certifications & spectrum allocation.
MOBILE MASTERY
The ThinkPad X1 Extreme delivers go-everywhere productivity with unbeatable 5G WWAN and Intel® WiFi 6/6E (Gig+) mobile connectivity performance. Plus, the larger battery (90Wh) with up to 10.7 hours\(^1\) (MM18) of unplugged power enables all-day creativity.

RICH AUDIOVISUAL EXPERIENCE
A brilliant 16” display with Dolby Vision™ and the matchless performance of NVIDIA® GeForce® RTX 3080 laptop graphics make the ThinkPad X1 Extreme Gen 4 ideal for curating content or getting your game on. The awe-inspiring visual experience is matched by the stunning audio performance, with 20% larger, user-facing Dolby Atmos® Speaker System.

EXCEPTIONAL ERGONOMICS
All-day productivity is no problem, with the Low Blue Light displays to minimize eye fatigue. Plus, a wider 115mm TouchPad and 1.5mm keystroke backlit ThinkPad keyboard make the ThinkPad X1 Extreme Gen 4 boost functional comfort as the ideas flow.

REDEFINED DESIGN
From new anti-fingerprint paint to the Power-on Touch Fingerprint Reader, the ThinkPad X1 Extreme Gen 4 has been redesigned to impress. New features, like the 16:10 UHD+ display, FHD camera, four-sided narrower bezels, and carbon-fiber weave top cover, combine to inspire awesomeness.

---

\(^{1}\)6GHz WiFi 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support WiFi 6E, and the regional regulatory certifications & spectrum allocation.

\(^{2}\)Based on testing with MobileMark 2018. Battery life varies significantly with settings, usage, and other factors. Projected up to 10.7 hours using MM18. Official claims/final results TBD. Official results will be available at results.bapco.com at product launch.

---

Lenovo ThinkPad X1 Extreme GEN 4

optimization
Focused on utility and function, Lenovo’s Commercial Vantage is a centralized application for maintaining your PC’s health, unique device settings, and more. This intuitive device management experience is beneficial for both entry-level and power users alike.

performance
The ThinkPad X1 Extreme Gen 4 is built for high-performance, with up to the latest 11th Gen Intel® Core™ i9 vPro® processor H series, up to 64GB DDR4 (3200MHz) memory, and up to 4TB of storage with Gen 4 performance PCIe SSD. Accelerate inference performance with Intel® Deep Learning Boost to help speed up AI workloads, including image recognition, object detection, and other CPU-intensive tasks.

security
Enhanced integrated ThinkShield features, like the webcam privacy shutter and Power-On Touch Fingerprint Reader, data stays secure in the modern hybrid work environment. Plus, Intel® Hardware Shield, available exclusively on all Intel vPro® platform-based devices, delivers integrated hardware-based PC protection for more secure business productivity.
Lenovo ThinkPad X1 Extreme GEN 4

**performance**

**PROCESSOR**
Up to 11th Gen Intel® Core™ i9 vPro® processor H series

**OPERATING SYSTEM**
Up to Windows 10 Pro

**GRAPHICS**
Integrated Intel® UHD graphics
NVIDIA RTX-3050 laptop GPU
NVIDIA RTX-3060 laptop GPU
NVIDIA RTX-3070 laptop GPU
NVIDIA RTX-3080 laptop GPU

**CAMERA**
FHD hybrid IR 1080p camera with webcam privacy shutter
FHD 1080p camera with webcam privacy shutter

**MEMORY**
Up to 64GB DDR4 (3200MHz); non-ECC, 2 SO-DIMM Slots

**STORAGE**
Up to 4TB total
Up to 2x M.2 2280 PCIe NVMe Gen 4 performance SSD

**AC ADAPTER**
Slim Tip 170W (supports RapidCharge)
Slim Tip 135W (supports RapidCharge)

**INPUT/OUTPUT PORTS**
2x Thunderbolt™ 4
2x USB-A 3.2 Gen 1

**WIRELESS CONNECTIVITY**
NVIDIA RTX-3060 laptop GPU
Intel® AX210 2x2 WiFi 6/6E
WIRELESS CONNECTIVITY
2x Thunderbolt™ 4
2x USB-A 3.2 Gen 1
NVIDIA RTX-3050 laptop GPU
NVIDIA RTX-3060 laptop GPU

**INPUT/OUTPUT PORTS**
2x Thunderbolt™ 4
dock
Thunderbolt™ 3 dock
USB-C dock

**display**
16" display, 16:10 ratio
QHD+ IPS AG Non-touch, 2560x1600, 400nit, 100% sRGB, 60Hz, Low Blue Light
UHD+ IPS AG Non-touch, 3840x2400, 600nit, 100% Adobe, HDR400
Dolby Vision, 60Hz, Low Blue Light, 8+2 bit color
UHD+ IPS Touch AR/AS, 3840x2400, 600nit, 100% Adobe, HDR400
Dolby Vision, 60Hz, Low Blue Light, 8+2 bit color

**DIMENSIONS (W X D X H)**
Starting at 359.5 x 253.8 x 17.7 mm / 14.13 x 9.99 x 0.78 in

**WEIGHT**
Starting at 3.999lbs / 1.814kg

**KEYBOARD**
Bottom-load backlit keyboard with white LED, 1.5mm stroke
Wider TouchPad (115 x 67mm)

**COLORS**
Deep Black
Top cover color: Black or Woven Carbon Fiber

**CERTIFICATIONS**
EPEAT® Gold
ENERGY STAR 8.0

**optional services**
Lenovo offers a comprehensive portfolio of services to support and protect your ThinkPad investment—so you can focus on your work, not your IT.

**PREMIER SUPPORT**
Direct 24x7x365 access to the elite Lenovo engineers who will provide unscripted troubleshooting and comprehensive support for hardware and software. That means less downtime and increased productivity.4,5

**ACCIDENTAL DAMAGE PROTECTION (ADP)**
Prevents the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

**WARRANTY EXTENSION (1-YEAR BASE, UP TO 3 YEARS TOTAL)**
This fixed-term, fixed-cost service helps you accurately budget for PC expenses, protect your valuable investment, and lower the cost of ownership over time.

**security**
Power-on MoC Touch Fingerprint Reader
IR Camera + webcam privacy shutter
dTPM 2.0 chip
Security
NVIDIA RTX-3080 laptop GPU
NVIDIA RTX-3070 laptop GPU
Integrated Intel® UHD graphics

**connectivity**
Power-on MoC Touch Fingerprint Reader
IR Camera + webcam privacy shutter
dTPM 2.0 chip
Intel® Hardware Shield
NFC
NVIDIA RTX-3080 laptop GPU
NVIDIA RTX-3070 laptop GPU
Integrated Intel® UHD graphics

**INPUT/OUTPUT PORTS**
2x USB-A 3.2 Gen 1
2x Thunderbolt™ 4
SD Card (UHS-II)
x1 HDMI 2.0/2.1
x1 Audio (headphone and microphone combo jack)

**WIRELESS CONNECTIVITY**
Intel® AX210 2x2 WiFi 6/6E
Bluetooth 5.2
5G Sub 6GHz1
LTE Cat4 (PRC only)1

**THINKPAD TRACKPOINT KEYBOARD II**
Optional
Varies by country

**THUNDERBOLT 4 DOCKING**
PN: 4XC0001XX
Modern business depends on a wide variety of PCs—and even brands. This new cable docking station expands your mobile potential with power portability.

**THINKPAD X1 ACTIVE NOISE CANCELLATION HEADPHONES**
PN: 4X000ARXX
These lightweight and stylish headphones provide professional conferencing sound quality with ANC/ENC
settings. Connect or charge via USB Type-C or Bluetooth® 5.0.

---

1Optional
2Available at results.bapco.com at product launch.
3Intel® Hardware Shield requires Intel® vPro® technology and a compatible Intel® processor, Intel® vPro® Management Software, and a compatible motherboard.
4Optional
5Up to 5 years total duration
6May not be available in all markets.