

ThinkPad X1 Extreme Gen 5

Built for today's on-the-move professionals, the laptop – powered by 12th Gen Intel Core Processor – delivers speedy performance no matter how intensive the task. WiFi 6E support enables fast and reliable mobile connectivity and helps transfer huge volume of data at a lightning-fast speed, even in a device-crowded network. Plus, battery life of up to 9-hours gives users the flexibility to work an entire day outdoors, without needing to charge the device.



Redefining possibilities with powerful performance and groundbreaking on-device AI

The ultimate device for any mobile worker or executive, ThinkPad X1 Series combines the latest productivity and security technologies with sleek and lightweight designs.

16" screen with up to WQUXGA and WQXGA resolution amplifies visual experience for content creators and illustrators. Stereo speakers with Dolby Audio and optional dual-array microphones render clear sound during calls or meetings.

8TB SSD storage and 64GB DDR5 memory give faster responsiveness, means faster loading and retrieval of files, as well as seamless multitasking.

Configure with a 14-core Intel Core™ i9 processor, 64GB DDR5 memory and up to 4TB M.2 PCIe Gen 4 SSD storage for working with large spreadsheets, databases or statistical software.

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..



On-site Service

- On-site support if needed
- Normally next business day service
- Agreed appointment times

Accessories

ThinkPad Universal Thunderbolt 4 Smart Dock



- Next-gen Intel® Thunderbolt™ 4 connectivity for commercial users - powered by Microsoft Azure Sphere
- 4x USB-A Gen 2 ports, 1x always-on charging port, 1x USB-C data port, 10Gbps, 5V x 3A power for mobile charging
- Supports Thunderbolt™ 3 and 4, USB 4™, USB-C, and compatible with a wide range of brands and Multi-OS notebooks

PN: 40B10135XX

ThinkPad TrackPoint Keyboard II



- Compact familiar ThinkPad keys with integrated ThinkPad trackpoint
- Dual mode connection with Bluetooth 5.0 and 2.4G Wireless via Nano USB dongle
- Supports 6-point key typing for visually impaired

PN: 4Y40X49493

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Performance

Processor

12th Gen Intel H Series Core i7 / i9

Operating System

Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64
Linux
Ubuntu Linux

Graphics

NVIDIA GeForce RTX 3050 Ti
NVIDIA GeForce RTX 3060
NVIDIA GeForce RTX 3070 Ti
NVIDIA GeForce RTX 3080 Ti

Memory ¹

Up to 64GB DDR5-4800, 2x SO-DIMM

¹The max memory is based on the test results with current Lenovo memory offerings.

Storage ²

Models with RTX 3050 Ti graphics:
up to 2x 4TB M.2 2280 PCIe NVMe SSD
RAID 0/1 support

Models with RTX 3060/3070 Ti/3080 Ti graphics:
one drive, up to 4TB M.2 2280 PCIe NVMe SSD

²The storage capacity supported is based on the test results with current Lenovo storage offerings.

Audio

High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Atmos
Dual-microphone array, far-field, Dolby Voice

Camera ^{*}

FHD 1080p + IR hybrid, with privacy shutter

Battery ³

90Wh (up to 11.0 hr) battery, Rapid Charge

³Battery 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 ^{*}

170W slim tip adapter
230W slim tip adapter

Design

Display ⁴

16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 100% sRGB, X-Rite factory color calibration

16" WQXGA (2560x1600) IPS Anti-glare 16:10
- 500nits, 100% sRGB, 165Hz, TÜV Low Blue Light (Hardware Solution), X-Rite factory color calibration

16" WQXUGA (3840x2400) IPS Anti-glare 16:10
- 600nits, 100% Adobe RGB, DisplayHDR 400, Dolby Vision, TÜV Low Blue Light (Hardware Solution), X-Rite factory color calibration

16" WQXUGA (3840x2400) IPS ARAS 16:10
- 600nits, 100% Adobe RGB, touch, DisplayHDR 400, Dolby Vision, TÜV Low Blue Light (Hardware Solution), X-Rite factory color calibration

⁴IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Pen ^{*}

Lenovo Precision Pen 2^{*}

Keyboard

6-row, spill-resistant, backlight

Touchpad

TrackPoint and glass surface touchpad
67.7 x 115 mm (2.67 x 4.53 inches)

Dimensions ⁵

359.5 x 253.8 x 17.9 mm (14.15 x 9.99 x 0.7 inches)

⁵The system dimensions may vary depending on configurations.

Weight ⁶

Starting at 1.88 kg (4.14 lbs)

⁶The 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 ^{*} ⁷ ⁸

Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.1

⁷Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

⁸Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

WWAN ^{*}

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 1.4)
1x HDMI 2.1, up to 8K/60Hz
1x Headphone / microphone combo jack (3.5mm)
1x Power connector
1x SD Express 7.0 card reader
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 (facial recognition)
Glance by Mirametrix
Tile ready

Manageability

System Management ^{*} ⁹

Intel vPro Enterprise^{*}

⁹Intel vPro offers a superset of DASH's defined capabilities

Certifications

Green Certifications ¹⁰ ¹¹ ¹²

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

¹⁰The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

¹¹EPEAT registration and ENERGY STAR certification are dependent on system OS.

¹²EPEAT is registered where applicable, please see epeat.net for registration status by country.

Other Certifications

TÜV Rheinland Low Blue Light (Hardware Solution)^{*}
MIL-STD-810H