

ThinkPad L16 Gen 1 Intel

Packed with versatile features and robust security, this laptop empowers on-the-go professionals to achieve their goals, wherever their journey takes them. Equipped with up to an Intel® U or H Series Core™ Ultra 7 Processor, it delivers unparalleled performance to crunch numbers, edit multimedia content, or run intricate simulations, and experience seamless multitasking and blazing-fast responsiveness every step of the way. With a Discrete TPM 2.0 chip and optional fingerprint reader or IR camera, it ensures that confidential client projects or sensitive corporate data remains protected at all times.



Redefining possibilities with powerful performance and groundbreaking on-device AI

The mid-range ThinkPad L Series offers enterprise docking, enhanced security features and optional remote management capabilities.

Experience stunning visuals on the 16" WUXGA display with up to 400nits brightness. Optional 100% sRGB ensures accurate color reproduction, perfect for graphic designers, photographers, and creative professionals who demand precision in every detail. With optional multi-touch functionality, navigate the screen with intuitive gestures for a truly immersive experience.

With USB-C, USB4, Thunderbolt, and HDMI ports, seamlessly connect to a wide range of devices and peripherals, from external monitors to printers to storage drives. Opt for Wi-Fi 7 for uninterrupted internet access anywhere.

Experience unparalleled performance with up to Intel® U or H Series Core™ Ultra 7 Processor and up to 64GB DDR5 memory, delivering seamless multitasking and lightning-fast responsiveness for maximum productivity.

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

Lenovo Fingerprint Biometric USB Mouse Gen 2

- Login with one-touch biometric extraction and verification
- First mouse with Windows Hello certification and 256-bit encryption
- Seamless compatibility with all ThinkPad and Lenovo systems



PN: 4Y51M03357

Lenovo Go Wireless ANC Headset

- With Teams Certified tech (certified for Microsoft Teams at time of availability), make the most of your favorite UC platform.
- It has noise-cancelling technology, up to 20 hours of battery life, and a liberating 30 m wireless range.
- It comes with a premium tailored fit (left and right-sided) and intuitive side-controls with LED indicators on earcups.



PN: Commercial (Thunder Black Color) 4XD1C99221: Headset only, 4XD1C99222: Headset with Charging Stand, 4XF1C99224: Charging Stand only, Consumer (Storm Grey Color) GXD1C99239: Headset only, GXD1C99241: Headset with Charging Stand, GXF1C99244: Charging Stand only,



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Performance

Processor

Intel U or H Series Core Ultra 5/7 Processor (Series 1)

Operating System

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

NPU

Integrated Intel AI Boost, up to 11 TOPS

Graphics¹

Intel Graphics (integrated)
Intel Arc Graphics (integrated)

¹Intel Arc graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

Memory

Up to 64GB DDR5-5600, 2x SO-DIMM

Storage²

Up to 1x 2TB 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
Dolby Audio speakers
Dual-microphone array, far-field, Dolby Voice

Camera^{*}

HD 720p, with privacy shutter
5.0MP + IR discrete, with privacy shutter, temporal noise reduction

Battery³

46.5Wh or 57Wh battery, up to 13.68 hr
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^{*}

45W USB-C adapter, PD 3.0
65W USB-C adapter, PD 3.0
65W USB-C slim adapter, PD 3.0

Design

Display⁴

16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC, 60Hz
- 300nits, 45% NTSC, 60Hz, Eyesafe, touch
- 400nits, 100% sRGB, 60Hz, low power, Eyesafe

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

Pen^{*}

No support

Keyboard

6-row, spill-resistant, numeric keypad, Copilot Key, optional backlight

Touchpad

TrackPoint and Mylar surface touchpad
67.6 x 115 mm (2.66 x 4.53 inches)

Dimensions⁵

357.2 x 253.4 x 20.78 mm (14.06 x 9.98 x 0.82 inches)

⁵The system dimensions may vary depending on configurations.

Weight⁶

Starting at 1.77 kg (3.90 lbs)

⁶The system weight is approximate and may vary depending on configurations

Color

Black

Case material

PC-ABS (top), PC-ABS (bottom)

Connectivity

Ethernet

Gigabit onboard Ethernet

WLAN + Bluetooth^{* 7}

802.11ax (Wi-Fi 6E) or 802.11be (Wi-Fi 7), Bluetooth 5.3
Up to Intel Wi-Fi 7 BE200, 802.11be, Bluetooth 5.3

⁷Wi-Fi 6E and Wi-Fi 7 are only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10. Bluetooth 5.3 operation requires Windows 11.

WWAN^{*}

4G LTE CAT6 with embedded eSIM^{*}

NFC

Near Field Communication^{*}

Ports

1x USB-A (Hi-Speed USB / USB 2.0)
2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On
1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), with USB PD 3.0 & DP 1.4
1x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.0 & DP 2.1
1x HDMI 2.1, up to 4K/60Hz
1x Headphone / microphone combo jack (3.5mm)
1x Ethernet (RJ45)
1x Smart 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
Smart card reader, supports ISO 7816 and EMV^{*}
Touch style MOC fingerprint reader^{*}
Camera privacy shutter
IR camera for Windows Hello (facial recognition)^{*}

Manageability

System Management^{* 8}

Intel vPro Enterprise
Intel vPro Essentials

⁸Intel vPro offers a superset of DASH's defined capabilities

Certifications

Green Certifications^{9 10 11}

EPEAT Gold Registered
ENERGY STAR 8.0
ErP Lot 6/26
TCO Certified 9.0
RoHS compliant

⁹The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

¹⁰EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

¹¹EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

Other Certifications

Eyesafe Certified 2.0^{*}
TÜV Rheinland Low Blue Light (Hardware Solution)^{*}
MIL-STD-810H

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2024 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.