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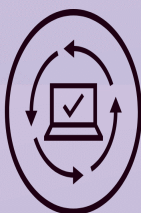
Experience stunning visuals on the 16" WUXGA display with up to 400nits brightness. Optional 100% sRGB ensures accurate color reproduction, perfect for graphic designers, photographers, and creative professionals who demand precision in every detail. With optional multi-touch functionality, navigate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

- If a problem can't be fixed remotely, we will visit your location
- 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,

ThinkPad L16 Gen 1 Intel

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
Intel AI Boost, up to 11 TOPS

Graphics [1]
Intel Graphics (integrated)
Intel Arc Graphics (integrated)

[1]*Intel 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

Storage [2]
Up to 1x 2TB M.2 2280 PCIe NVMe SSD

[2]*The 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

Battery [3]
46.5Wh or 57Wh battery, up to 13.68 hr
Rapid Charge

[3]*Battery 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

Display [4]
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

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

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)

Dimensions [5]
357.2 x 253.4 x 20.78 mm (14.06 x 9.98 x 0.82 inches)

[5]*The system dimensions may vary depending on configurations.*

Weight [6]
Starting at 1.77 kg (3.90 lbs)

[6]*The 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

[7]*Wi-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

[8]*Intel vPro offers a superset of DASH's defined capabilitie*

Certifications

Green Certifications [9] [10] [11]
EPEAT Gold Registered
ENERGY STAR 8.0
ErP Lot 6
ErP Lot 26
TCO Certified 9.0
RoHS compliant

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

[10]*EPEAT registration and ENERGY STAR certification are dependent on system OS.*

[11]*EPEAT is registered where applicable, please see epeat.net for registration status by country.*

Other Certifications
Eyesafe Certified 2.0*
TÜV Rheinland Low Blue Light (Hardware Solution)*
MIL-STD-810H