

ThinkPad L16 Gen 2 (Intel)

Unlock new AI experiences with this ThinkPad featuring Intel® H or U Series Core Ultra 5 / 7 Processor, designed to provide a seamless balance of power and efficiency, ideal for business professionals who need to stay efficient and agile while on the go. With up to 64GB DDR5-5600 memory, the laptop ensures lightning-fast data transfer speeds and smooth multitasking, enabling professionals to run multiple applications simultaneously without any slowdowns. Additionally, the inclusion of up to 2TB SSD storage offers vast space for critical files, projects, and applications, with rapid read and write speeds, reducing load times and enhancing overall productivity.



Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkPad L series laptops offer reliable performance and durability for modern professionals with powerful processors, robust security features, long battery life, and versatile connectivity options, ensuring productivity on-the-go.

The integration of 2W dual Dolby Atmos® stereo speakers delivers immersive audio, making virtual meetings, presentations, and multimedia consumption more engaging. An optional 5.0MP + IR camera provides crystal-clear video quality for video conferencing, along with advanced facial recognition capabilities for secure, hands-free login.

Whether working on a project deadline or managing a client presentation, the 57Wh Rechargeable Li-ion Battery with rapid charge support ensures the laptop allows professionals to work confidently, without worrying about constant recharging.

Harness the power of Intel® vPro® Enterprise with its advanced software control capabilities, allowing seamless remote management, enhanced security, and streamlined IT operations for maximum productivity and efficiency.

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..



Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

Accessories

Lenovo Go 130W Multi-Port Charger

- Get the maximum power out of your charger
- On-the-go port expansion & charging
- Power multiple devices through easy interface connection



PN: G0A6130WUS, G0A6130WEU, G0A6130WUK

Lenovo Go Wireless Vertical Mouse

- 6-button mouse including 2 programmable side buttons and an IR sensor
- True Ergonomic vertical design with a 45-degree vertical grip made from treated cork material
- 800, 1600, 2400 adjustable DPI and 2.4 GHz wireless dongle connection



PN: 4Y51C33792



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Performance

Processor
Intel H or U Series Core Ultra 5/7 Processor (Series 2)

AI PC Category*
AI PC

Operating System*
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 IoT Enterprise LTSC 2024
Windows 10 IoT Enterprise LTSC 2021
Ubuntu Linux
Linux

NPU
Integrated Intel AI Boost, up to 13 TOPS

Graphics^{1 1}
Intel Graphics (integrated)
Intel Arc 130T GPU (integrated)
Intel Arc 140T GPU (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.

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Memory^{2 2}
Up to 64GB DDR5-5600, 2x SO-DIMM

²The max memory is based on the test results with current Lenovo memory offerings.

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Storage^{3 3}
Up to 1x 2TB M.2 2280 PCIe NVMe SSD

³The storage capacity supported is based on the test results with current Lenovo storage offerings.

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Audio*
High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Atmos
Dual-microphone array, 360° far-field, Elevoc Voice

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

Battery^{4 4}
46.5Wh or 57Wh battery, up to 14.63 hr, Rapid Charge

⁴Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

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Power Adapter*
65W USB-C adapter, PD 3.0
65W USB-C slim GaN adapter, PD 3.0

Design

Display^{5 5}
16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 400nits, 45% NTSC, 60Hz
- 400nits, 45% NTSC, 60Hz, Eyesafe, touch
- 500nits, 100% sRGB, 60Hz, low power, Eyesafe

⁵IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

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

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

Dimensions^{6 6}
Models with aluminium (top) and PC-ABS (bottom)
357.6 x 253.6 x 10.96/19.57 (front/rear), 24.25(maximum) mm;
14.08 x 9.98 x 0.43/0.77 (front/rear), 0.95 (maximum) inches
Models with PC-ABS (top) and PC-ABS (bottom)
357.2 x 253.4 x 10.96/19.67 (front/rear), 24.75(maximum) mm;
14.06 x 9.98 x 0.43/0.77 (front/rear), 0.97 (maximum) inches

⁶The system dimensions may vary depending on configurations.

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Weight^{7 7}
Starting at 1.79 kg (3.96 lbs)

⁷The system weight is approximate and may vary depending on configurations

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Color
Black

Case material
Aluminium (top), PC- ABS (bottom)
PC-ABS (top), PC-ABS (bottom)

Connectivity

Ethernet*
Gigabit onboard Ethernet

WLAN + Bluetooth*
Intel Wi-Fi 6E AX211, 802.11ax, Bluetooth 5.3
Intel Wi-Fi 7 BE201, 802.11be, Bluetooth 5.4

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
2x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.1 & 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)*
Privacy Guard with Privacy Alert (software solution)
ThinkShield

Manageability

System Management*
Intel vPro Enterprise*

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. © 2025 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.