

# 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.



## Built for business with cutting-edge technology

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,

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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

### Graphics<sup>1</sup>

Intel Graphics (integrated)  
 Intel Arc Graphics (integrated)

<sup>1</sup>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<sup>2</sup>

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

<sup>2</sup>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<sup>\*</sup>

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

### Battery<sup>3</sup>

46.5Wh or 57Wh battery, up to 13.68 hr  
 Rapid Charge

<sup>3</sup>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<sup>\*</sup>

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

## Design

### Display<sup>4</sup>

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

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

### Keyboard

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

### Touchpad

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

### Dimensions<sup>5</sup>

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

<sup>5</sup>The system dimensions may vary depending on configurations.

### Weight<sup>6</sup>

Starting at 1.77 kg (3.90 lbs)

<sup>6</sup>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<sup>\* 7</sup>

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

<sup>7</sup>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<sup>\*</sup>

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\*  
 Touch style MOC fingerprint reader\*  
 Camera privacy shutter  
 IR camera for Windows Hello (facial recognition)\*

## Manageability

### System Management<sup>\* 8</sup>

Intel vPro Enterprise\*

<sup>8</sup>Intel vPro offers a superset of DASH's defined capabilities.

## Certifications

### Green Certifications<sup>9 10 11</sup>

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

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

<sup>10</sup>EPEAT registration and ENERGY STAR certification are dependent on system OS.

<sup>11</sup>EPEAT 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