

# ThinkBook 16 G9 IPL

With smart efficiency features and enhanced user experience, the lightweight and reliable Lenovo ThinkBook is the perfect on-the-go productivity companion for modern professionals. Powered by the Intel® Core™ Ultra 5 / 7 Processor (Series 3) to maximize performance and deliver ultra-efficient multitasking, this mainstream laptop is engineered with smart features to balance integrated Intel® Graphics computing power for optimal energy and battery consumption. The scalable memory of up to 64GB DDR5-5600 and up to 1TB SSD storage make this device adaptable to the evolving needs of expanding businesses.



## Redefining possibilities with powerful performance and groundbreaking on-device AI

ThinkBook combines the style and user experience of consumer devices with the security and business-class support of ThinkPad.

The IPS display features a tall 16:10 aspect ratio and WQXGA resolution, giving you more vertical space for documents, spreadsheets, and multitasking on the go. With 400 nits of brightness and anti-glare coating, the screen stays clear whether you're in the office or a conference room. Additionally, the optional in-cell 10-point multi-touch for intuitive interaction, paired with a 90% screen-to-body ratio, maximizes workspace without increasing footprint.

Whether it's leading a client presentation, collaborating with remote teams, or reviewing multimedia reports, the 2W dual Dolby Audio™ stereo speakers deliver crisp, immersive sound quality. Coupled with the dual-microphone array with smart noise-cancelling, background distractions are minimized, making every virtual meeting more productive and professional.

Enterprise-grade security features, including an optional touch-style fingerprint reader in the power button, enable fast, password-free sign-ins, and an optional IR camera with a physical privacy shutter supports secure facial authentication, giving users full control over their privacy. Additionally, a discrete TPM 2.0 chipset encrypts critical system data to defend against advanced cyber threats.

## 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..



## Accessories

### Lenovo Multi-Device Wireless Mouse (X9 Edition)

- Effortless multitasking with smart switching
- Recharge fast, work uninterrupted
- AI-driven for enhanced productivity



PN: 4Y51R29290

### ThinkPad Professional 16-inch Topload Gen 2

- Essentials Remain Secure Everywhere
- Optimal Comfort During Extended Use
- Excellent Carrying Experience



PN: 4X41M69795



# ThinkBook 16 G9 IPL



## Performance

### Processor

Intel Core Ultra 5 / 7 Processor (Series 3)

### AI PC Category\*

Copilot+ PC

### Operating System\*

Windows 11 Pro or Home

### NPU\*

Up to 49 TOPS

### Graphics

Intel Graphics (integrated)

### Memory<sup>1</sup>

Up to 64GB DDR5-5600, 2x SODIMM

<sup>1</sup>Maximum memory is only to test technical readiness of notebook but not shipped by Lenovo.

### Storage<sup>2</sup>

Up to two M.2 PCIe NVMe SSD  
M.2 2242 SSD up to 2TB  
M.2 2280 SSD up to 2TB

<sup>2</sup>The system supports dual SSD via two M.2 slots, but Lenovo offers only one SSD configuration with a second slot for user self-expansion. The max storage capacity is only technical readiness and may be different from current Lenovo storage offerings.

### Audio\*

High Definition (HD) Audio  
Stereo speakers, 2W x2, Dolby Audio  
Dual-microphone array with smart noise-cancelling

### Camera\*

FHD 1080p + IR hybrid, with privacy shutter  
5.0MP, with privacy shutter

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

48Wh or 71Wh battery, up to 14.88 hr  
48Wh battery supports Rapid Charge Pro

<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\*

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  
- 400nits, 45% NTSC, 60Hz  
- 400nits, 100% sRGB, 120Hz, In-cell touch  
16" WQXGA (2560x1600) IPS Anti-glare 16:10  
- 400nits, 100% sRGB, 120Hz, TCON

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

### Screen-to-Body Ratio

90%

### Keyboard

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

### Touchpad

Mylar surface touchpad  
75 x 120 mm (2.95 x 4.72 inches)

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

356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)

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

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

Starting at 1.7 kg (3.75 lbs)

<sup>6</sup>The system weight is approximate and may vary depending on configurations

### Color

Arctic grey, dual-tone design

### Case material

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

### Special Features

Modern Standby

## Connectivity

### Ethernet\*

Gigabit onboard Ethernet

### WLAN + Bluetooth\*

802.11ax (Wi-Fi 6), 802.11be (Wi-Fi 7)  
Bluetooth 5.3 or 5.4  
Up to Intel Wi-Fi 7 BE213, 802.11be, Bluetooth 5.4

### Ports

1x USB-A (USB 5Gbps)  
1x USB-A (USB 5Gbps), Always On  
2x Thunderbolt 4, with USB PD 45-65W & DP 2.1  
1x HDMI 2.1, up to 4K/60Hz  
1x SD card reader  
1x Ethernet (RJ-45)  
1x Headphone / microphone combo jack (3.5mm)

### Docking

Docking support via Thunderbolt

## Security & Privacy

### Security

Discrete TPM 2.0  
Kensington Nano Security Slot  
Touch style fingerprint reader on power button, match-on-chip\*  
Camera privacy shutter  
IR camera for Windows Hello (facial recognition)\*

## Environmental

### Material

30% PCC recycled plastic used in the battery pack enclosure  
50% PCC recycled plastic used in key caps  
30% PCC recycled plastic used in speaker  
90% PCC recycled plastic used in standard 65W adapter  
Plastic free packaging (for EMEA & NA)  
Dry pressed pulp cushion  
90% recycled content in OBP bag or bamboo fiber ba  
FSC certified content in carton box

## Certifications

### Green Certifications<sup>7 8 9</sup>

ENERGY STAR 9.0  
EPEAT Gold Registered  
ErP Lot 6/26  
TCO Certified, generation 10  
RoHS compliant

<sup>7</sup>The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

<sup>8</sup>EPEAT registration and ENERGY STAR certification are optional and only available on the models with preloaded OS.

<sup>9</sup>EPEAT is registered where applicable, please see [epeat.net](https://epeat.net) for registration status by country.

### Other Certifications

TÜV Rheinland Low Blue Light (Software Solution)\*  
TÜV Rheinland Low Blue Light (Hardware Solution)\*  
Eyesafe Certified 2.0\*  
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. © 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.