

# 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

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

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



PN: 4Y51R29290

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### ThinkPad Professional 16-inch Topload Gen 2

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



PN: 4X41M69795

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# 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 bag  
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://www.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