

# ThinkBook 16 G9 AHP

Designed for professionals who move between client sites, creative spaces, and field environments, this laptop brings together processing agility, robust memory, and ultra-fast connectivity to keep every workflow in sync. Powered by up to AMD Ryzen™ 7 200 Series Processor and supported by up to 64GB DDR5 memory, it smoothly handles analytics, content creation, and multitasking. Seamless access to cloud tools becomes effortless with up to Wi-Fi® 7, ensuring uninterrupted collaboration and faster transitions during demanding mobile tasks across diverse professional scenarios with reliable consistency always.



## 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.

With optional Intel® UHD graphics driving crisp visuals, its 16" display elevates design reviews, code debugging, and data interpretation. The optional WUXGA resolution, in-cell touch, up to 400 nits brightness, and 100% sRGB fidelity bring clarity, while support for up to 4 independent displays boosts multitasking.

With up to 4TB SSD storage enabling rapid access to large files, and Discrete TPM 2.0 strengthening device integrity, the optional touch-style fingerprint reader, match-on-chip design, and IR camera deliver security suited for mobile workflows.

Designed with sustainability in mind, it meets ENERGY STAR® 9.0 standards and is EPEAT™ Gold Registered, ensuring exceptional energy efficiency that minimizes power consumption while supporting eco-friendly operations for mobile professionals on the move.

## 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 Wired ANC Headset Gen 2

- Active Noise Cancellation
- Certified for Zoom and Microsoft Teams
- Inline Control Box with LED Indication



PN: Teams : 4XD1M45627, UC : 4XD1M39029

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### Lenovo Essential Wireless Combo Keyboard & Mouse Gen 2

- Embrace the freedom of a clutter-free and cable-free work setup.
- Ergonomically sculpted cups and low-profile island keys for maximum comfort.
- A 2.4 MHz receiver for a seamless keyboard and mouse connection.



PN: 4X31N50708 – 4X31N50757

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# ThinkBook 16 G9 AHP

## Performance

### Processor

AMD Ryzen 3 / 5 / 7 200 Series Processor

### AI PC Category\*

AI PC (models with AMD Ryzen 7 250 processor)

### Operating System\*

Windows 11 Pro or Home

### NPU\*

Integrated AMD Ryzen AI, up to 16 TOPS\*

### Graphics

AMD Radeon 740M (integrated)  
AMD Radeon 780M (integrated)

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

Up to 64GB DDR5-5600, 2x SODIMM

<sup>1</sup>Maximum memory 64GB is only to test technical readiness of notebook. Available memory to sell would vary.

### 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 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 13.68 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  
Cosmic blue, dual-tone design

### Case material

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 5.2 or 5.4  
Up to Wi-Fi 7, 802.11be, Bluetooth 5.4

### Ports

1x USB-A (USB 5Gbps)  
1x USB-A (USB 5Gbps), Always On  
2x USB-C (USB4 40Gbps), with USB PD 45-65W & DP 1.4a  
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 USB-C

## 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 (Hardware Solution)\*  
TÜV Rheinland Low Blue Light (Software Solution)\*  
Eyesafe Certified 2.0\*  
MIL-STD-810H