

ThinkBook 14 G9 AHP

Powered by the AMD Ryzen™ 3 / 5 / 7 200 Series processor, the ThinkBook 14 Gen 9 AHP delivers a significant boost in performance and energy efficiency. Integrated AMD Radeon™ 740M or 780M Graphics provides faster rendering, smoother multitasking, and optimized power for demanding workloads. With up to 64Wh of battery capacity, 64GB DDR5-5600 memory, and 1TB of storage, it easily handles large datasets, design projects, and extensive media libraries, minimizing the need for external drives. Slim, lightweight, and highly portable, it's the perfect companion for business professionals on the go.



Seamlessly connect up to four peripherals, such as external monitors or projectors, through the versatile HDMI® and USB4® ports. The 14" 2.8K display features a 16:10 aspect ratio, IPS technology, and a 90% screen-to-body ratio, delivering stunning clarity with 500 nits of brightness. TÜV Low Blue Light and Eyesafe® certifications help minimize eye strain and reduce fatigue for a more comfortable viewing experience.

The 6-row, spill-resistant keyboard is engineered for productivity and comfort, combining durability with modern design. Its multimedia Fn keys and 1.5mm Key travel deliver a precise and accessible typing experience, while the CoPilot key enhances workflow efficiency.

Enterprise-grade security features, including an optional touch-style fingerprint reader on the power button, an IR camera with a privacy shutter, and a discrete TPM 2.0 chipset, safeguard sensitive data against modern cyber threats, empowering users to tackle every workday with confidence.

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.



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 16-inch Laptop Topload T210 Black (ECO)

- High quality, durable and water-repellent fabric for maximum durability
- Conveniently placed compartments and pockets for quick access
- Made of 80% recycled PET on case exterior



PN: GX41L83769

Lenovo Essential USB Mouse

- Convenient and easy plug-and-play connection to PCs via a USB cable
- Ergonomic full-size design provides a comfortable grip for all day comfort
- Ambidextrous design, high-resolution 1600 DPI optical sensor experience smooth movement



PN: 4Y50R20863

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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)

Memory¹

Up to 64GB DDR5-5600, 2x SODIMM

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

Storage²

Up to two M.2 PCIe NVMe SSD

M.2 2242 SSD up to 2TB

M.2 2280 SSD up to 2TB

²The 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

Battery³

48Wh (up to 10.25 hr) battery, Rapid Charge Pro
64Wh battery

³Battery 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

Display⁴

14" WUXGA (1920x1200) IPS Anti-glare 16:10
- 400nits, 45% NTSC, 60Hz
- 400nits, 45% NTSC, 60Hz, In-cell touch
14" 2.8K (2880x1800) IPS Anti-glare 16:10
- 500nits, 100% sRGB, 120Hz

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

Screen-to-Body Ratio

90%

Keyboard

6-row, spill-resistant, Copilot key, optional backlight

Touchpad

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

Dimensions⁵

313.5 x 224 x 17.5 mm (12.34 x 8.82 x 0.69 inches)

⁵The system dimensions may vary depending on configurations.

Weight⁶

Starting at 1.36 kg (2.99 lbs)

⁶The system weight is approximate and may vary depending on configurations

Color

Arctic grey, 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^{7 8 9}

ENERGY STAR 9.0

EPEAT Gold Registered

ErP Lot 6/26

TCO Certified, generation 10

RoHS compliant

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

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

⁹EPEAT is registered where applicable, please see 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