

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

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

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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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 Up to 64GB DDR5-5600, 2x SODIMM
Storage Up to two M.2 PCIe NVMe SSD M.2 2242 SSD up to 2TB M.2 2280 SSD up to 2TB
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 48Wh or 71Wh battery, up to 13.68 hr 48Wh battery supports Rapid Charge Pro
Power Adapter* 65W USB-C adapter, PD 3.0 65W USB-C slim adapter, PD 3.0
Design
Display 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

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 356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)
Weight Starting at 1.7 kg (3.75 lbs)
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 ENERGY STAR 9.0 EPEAT Gold Registered ErP Lot 6/26 TCO Certified, generation 10 RoHS compliant
Other Certifications TÜV Rheinland Low Blue Light (Hardware Solution)* TÜV Rheinland Low Blue Light (Software 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. © 2026 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.