

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.

ThinkBook 16 G8 IRL



This laptop is engineered for professionals who demand performance on the go. With up to 14th Gen Intel® Core™ 7 processors and 64GB of DDR5 memory, it handles multitasking and data analysis with ease. Its 2TB SSD storage provides ample space for large files, ensuring quick access without external drives. Thunderbolt 4 / USB4 ports offer fast data transfer and connectivity, essential for seamless integration of peripherals. Perfectly crafted to enhance productivity and efficiency wherever work takes you.

Enjoy unmatched productivity with the 16:10 display and up to 2.5K resolution, perfect for detailed data analysis and vibrant presentations. The 100% sRGB color accuracy ensures visuals are vivid and precise, while the optional touchscreen adds a layer of interactive convenience.

Experience high-definition clarity with the FHD 1080p camera, enhanced security via Firmware TPM 2.0, and seamless access through the touch-style fingerprint reader. Perfect for professionals seeking precision, security, and efficiency on the move.

It delivers exceptional performance with up to 14th Gen Intel® Core™ i7 processors and 64GB of DDR5 memory, enabling smooth multitasking, fast data access, and efficient handling of complex tasks for productivity-driven professionals.

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 100 Mono USB Headset



- The headset features hassle-free plug-and-play, a dynamic rotatable microphone that can be positioned on both the left and right side of your head.
- Premium protein leather earcup cushioned with memory-foam for comfort that lasts all day.
- Powerful 30 mm audio drivers with neodymium magnets envelop the user in rich detail when paired with the vocal-optimized boom-mic, for a crystal-clear calling experience.

PN: 4XD1B61617

ThinkBook Bluetooth Silent Mouse



- Bluetooth mouse with silent buttons for noise-free operation
- Low-profile design suitable for both right-handed and left-handed users
- 4 buttons, 2-way scrolling with easy DPI adjustment: 2400, 1600, 800

PN: 4Y50X88824

ThinkBook 16 G8 IRL

Performance

Processor
13th Generation Intel Core i5 Processor
Intel U Series Core 3 Processor (Series 1)
Intel H Series Core 5 / 7 Processor (Series 2)

Operating System*
Windows 11 Pro or Home

Graphics
Intel UHD Graphics
Intel Graphics (integrated)

Memory
Up to 64GB DDR5-5600, 2x SODIMM

Storage
Up to 2TB M.2 2280 PCIe NVMe SSD
(system supports two M.2 slots)

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

Camera*
FHD 1080p, with privacy shutter
FHD 1080p + IR hybrid, with privacy shutter

Battery
45Wh (up to 5.85 hr) battery, Rapid Charge Pro
71Wh (up to 9.55 hr) battery, Rapid Charge

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
- 300nits, 45% NTSC, 60Hz
- 300nits, 45% NTSC, 60Hz, touch

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

Case material
Aluminium (top)
PC-ABS (bottom)

Special Features
Modern Standby

Connectivity

Ethernet*
Gigabit onboard Ethernet

WLAN + Bluetooth*
802.11ax (Wi-Fi 6 or Wi-Fi 6E), Bluetooth 5.2 or 5.3
Up to Intel Wi-Fi 6E AX211, Bluetooth 5.3

Ports
1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with USB PD 45-65W & DP 1.4
1x USB-C (Thunderbolt 4 / USB4 40Gbps), 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 / USB-C

Security & Privacy

Security
Firmware TPM 2.0
Discrete TPM 2.0*
Kensington Nano Security Slot
Touch style fingerprint reader on smart power button*
Camera privacy shutter
IR camera for Windows Hello (facial recognition)*

Environmental

Material
25% 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
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 1.0 Gold Registered
ErP Lot 6/26
TCO Certified, generation 10
RoHS compliant

Other Certifications
TÜV Rheinland Low Blue Light (Software Solution)
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.