

ThinkBook 16 G8 IAL

Designed for professionals who need power, efficiency, and seamless mobility, this ThinkBook delivers ultra-fast performance with Intel® U series or H series Core Ultra 5 / 7 Processor and Integrated Intel® Arc™ 130T or 140T Graphics. Whether you're managing remote teams, handling complex financial models, or creating client presentations on the go, it ensures smooth multitasking, AI-driven efficiency, and enterprise-grade security. With up to 64GB DDR5-5600 memory and 4TB SSD storage, experience lightning-fast workflows, real-time data analytics, and secure collaboration, wherever business takes you.



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.

Enjoy stunning visuals on a 16" WUXGA (1920x1200), optional multi-touch display with 300 nits brightness and a 1000:1 contrast ratio for sharp clarity. Perfect for presentations and content creation, the immersive screen enhances productivity, ensuring crisp images, smooth navigation, and precise touch interactions for seamless multitasking in any work environment.

Stay powered with a 71Wh battery, charging 80% in just an hour. At only 1.7 kg (3.75 lbs), it's ultra-portable. Wi-Fi® 6E, Bluetooth® 5.3, and M.2 card ensure fast connectivity, keeping you productive anywhere.

It is designed for energy efficiency, earning EPEAT Gold registration and ENERGY STAR 9.0 certification. With compliance to ErP Lot 6/26 standards, it minimizes power consumption while maintaining high performance for productivity tasks.

Updated 2026-JUN

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..



Premier Support Plus

- Helping IT predict and prevent device downtime
- Elite 24x7 expert support empowers IT and users alike
- AI insights help resolve issues before they impact business

Accessories

Lenovo USB-C Dual Display Travel Dock



- Enhanced connectivity and visual experience in a portable hub
- Continuous power supply; efficient charging solution for mobile devices
- Eco-friendly dual display travel dock; style meets sustainability

PN: Dock without Adapter : 40B90000WW, Dock with Adapter : 40B90100xx

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

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Performance

Processor
Intel H Series Core Ultra 5 / 9 Processor (Series 1)
Intel U or H Series Core Ultra 5 / 7 Processor (Series 2)

AI PC Category*
AI PC

Operating System*
Windows 11 Pro or Home

NPU*
Integrated Intel AI Boost, up to 13 TOPS

Graphics
Intel Graphics (integrated)
Intel Arc 130T GPU (integrated)
Intel Arc 140T GPU (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 7.7 hr) battery, Rapid Charge Pro
71Wh (up to 14 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
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

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

Environmental

Material
15% PCC recycled plastic used in the cover frame
25% PCC recycled plastic used in the battery frame
50% PCC recycled plastic used in keycaps
30% PCC recycled plastic used in speaker
90% PCC recycled plastic used in standard 65W adapter
FSC certified content in carton box and accessory box
Dry pressed pulp cushion
Bamboo fiber bag (for NA / EMEA)
Bamboo fiber screen sheet
90% recycled content in OBP bag

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 (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.