ThinkBook 14 G8 IAL

Powered by up to Intel® U/H series Core Ultra 7 Processor and Intel Arc 140T graphics, this laptop offers professionals the performance and visuals needed for intensive tasks. With up to 64GB DDR5 memory, it efficiently handles large datasets, complex spreadsheets, and graphics-heavy presentations. Whether analyzing data or coordinating logistics, its powerful components maximize productivity in the office, at client meetings, or onsite. This portable yet powerful device empowers professionals to work effectively at all times.

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.

The 14-inch WUXGA anti-glare screen with optional multi-touch allows clear presentations. ThunderboltTM 4 enables real-time collaboration, Wi-Fi® 6E helps access documentation, and HDMI port lets users share data, allowing executives to view reports on the go.

The up to 4TB SSD storage allows professionals to carry and quickly access large data. Firmware TPM 2.0 and a fingerprint reader ensure secure access to confidential company information while working remotely.

Engineered for crystal-clear web conferencing, this laptop features HD Audio with the Realtek® ALC3287 codec, Dolby Audio™ stereo speakers, and a dual-microphone array with smart noise-canceling. The FHD 1080p + IR hybrid camera ensures sharp video with enhanced privacy.

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..

Return To Depot Repair Warranty

- No-hassle repair process at a Lenovo service center
- Lenovo pays for all shipping between the customer and service facility
- Avoid unplanned operational expense with a simple annual fee

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

ThinkBook 14 G8 IAL

Performance

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

Operating System
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language

NPU
Integrated Intel AI Boost, up to 13 TOPS

Graphics [1]
Intel Graphics (integrated)
Intel Arc 130T GPU (integrated)
Intel Arc 140T GPU (integrated)

[1]Intel Arc graphics only available on select H-series Intel Core Ultra processor powered systems with at least 16GB of system memory in a dual-channel configurations, otherwise it will function as Intel Graphics.

Memory [2]
Up to 64GB DDR5-5600, 2x SO-DIMM

[2]Maximum memory is only to test technical readiness of notebook but not shipped by Lenovo.

Storage [3]
Up to 2TB M.2 2280 PCIe NVMe SSD
(system supports two M.2 slots)

[3]The system supports dual SSD via two M.2 slots, but Lenovo only offers one SSD configuration, another SSD slot for user self-extension. The max storage capacity is only technical readiness and may be different with current Lenovo storage offerings.

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 [4]
45Wh (up to 9.2 hr) battery, Rapid Charge Pro
60Wh (up to 11.5 hr) battery, Rapid Charge

[4]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 [5]
14" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC, 60Hz
- 300nits, 45% NTSC, 60Hz, touch

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

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

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

Dimensions [6]
313.5 x 224 x 17.5 mm (12.34 x 8.82 x 0.69 inches)

[6]The system dimensions may vary depending on configurations.

Weight [7]
Starting at 1.36 kg (2.99 lbs)

[7]The 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 [8]
802.11ax (Wi-Fi 6 or Wi-Fi 6E)
Bluetooth 5.2 or 5.3

[8]Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

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 3.0 & DP 1.4
1x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 3.0 & 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 or 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)*

Certifications

Green Certifications [9 10 11]
EPEAT Gold Registered
ENERGY STAR 8.0
ErP Lot 6/26
TCO Certified 10.0
RoHS compliant

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

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

[11]EPEAT is registered where applicable, please see epeat.net for registration status by country.

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. © 2025 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.