ThinkBook 16 G7+ ASP

Elevated AI experience, chic aesthetics and exceptional power. The new-gen ThinkBook 16 Gen 7+ ASP is designed to deliver impressive performance in a robust form factor. At the heart of this technological marvel is the AMD Ryzen AI 9 365 processor stacked with 10 high-performance "Zen 5" cores, for powering through AI-driven tools and tasks. Break free from frequent charging—the device's 85Wh battery sustains power-hungry tasks and provides extended hours of uninterrupted use.

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.

Step into the future of visual performance with AMD's groundbreaking RDNA 3.5 architecture. Whether you're rendering intricate 3D models, editing 4K video or designing high-resolution graphics, the optimized architecture rivals discrete GPU levels in efficiency and speed, keeping you ahead of the curve.

With a remarkable 91% screen-to-body ratio and razor-thin bezels, this 16" device exudes effortless elegance. Its 3.2K screen resolution with DCI-P3 display and IPS technology offers unmatched clarity and color accuracy for creative professionals. Additionally, the Eyesafe certification ensures flicker-free display and reduced eye strain during long hours at work.

Powered by AMD Ryzen AI 9 365 processors and advanced AI architecture for elite productivity, the device enables private, responsive and intelligent computing.

Committed to Sustainability

At Lenovo, we're focused on providing smarter technology that builds a brighter, more sustainable future for our customers, colleagues, communities, and the planet. We're determined to build a smarter future for all through the products and services we offer.

Keeping sustainability top of mind

Lenovo is innovating to increase energy efficiency and use of recycled content in our devices. The ThinkBook 16 Gen 7+ ASP is made by incorporating Post Consumer Content (PCC) recycled plastic in various components to ensure that we contribute to the circular economy by repurposing plastic waste.
· AC adapter contains 90% post-consumer content (PCC)
· Keyboard key caps are 50% PCC with repairable key caps and scissors
· Battery pack contains 90% PCC

Recycled Shipping / Packaging content

Lenovo is focused on integrating sustainable materials and reducing waste through innovative packaging design. Our commitment to sustainability is reflected in our zero plastic packaging solutions for the ThinkBook 16 Gen 7+ ASP.
· FSC certification for carton and accessory box
· Screen sheet is 100% paper
· NB bag contains 30% ocean-bound plastic (OBP)

Product PCC

AC adapter contains 90% PCC, Keyboard key caps are 50% PCC with repairable key caps and scissors, Battery pack- 90% PCC

Premier Support Plus

Lenovo Premier Support Plus offers comprehensive assistance by freeing IT teams of break/fix responsibilities. Its AI-driven predictive issue detection anticipates problems ensuring uninterrupted productivity, while with 24x7 access to experts, remote fixes are seamless. Plus, Accidental Damage handles mishaps and Keep Your Drive ensures security.

Lenovo TruScale Device as a Service

Get access to the industry's broadest technology portfolio from the pocket to the cloud. Our flexible pay-as-you-go technology models deliver scalability in ways that traditional procurement methods can't. Devices, services, and support can all be added, changed, or removed easily through a single point of contact.

Lenovo Asset Recovery Services

Lenovo's Asset Recovery Service (ARS) enables secure destruction of data, helps reduce e-waste, and offers a fair market value for your end-of-life IT assets. The service also supports equipment from any manufacturer including PCs & tablets, monitors, servers, phones, printers, copiers and networking equipment.

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..

Co2 Offset Service

- Hardware transaction facilitates easy Co2 offset integration.
- Co2 compensation covers production to lifecycle.
- Co2 Offset contributions can be easily tracked and confirmed.

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

ThinkBook 16 G7+ ASP

Performance

Processor
AMD Ryzen AI 9 300 Series Processor

Operating System
Windows 11 Pro
Windows 11 Home

NPU
Integrated AMD Ryzen AI, up to 50 TOPS

Graphics
AMD Radeon 880M (integrated)

Memory
32GB LPDDR5x-7500, soldered

Storage [1]
Up to 1x 1TB M.2 2242 PCIe NVMe SSD

[1]*The storage capacity supported is based on the test results with current Lenovo storage offerings.*

Audio
High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Atmos
Dual-microphone array

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

Battery [2]
85Wh (up to 9.75 hr) battery, Rapid Charge Pro

[2]*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 *
100W USB-C slim adapter, PD 3.0

Design

Display [3]
16" 3.2K (3200x2000) IPS Anti-glare 16:10
- 400nits, 100% DCI-P3, 165Hz, Eyesafe, Dolby Vision, TCON

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

Keyboard
6-row, spill-resistant, numeric keypad, Copilot key, backlight

Touchpad
Glass surface Haptic touchpad
80 x 135 mm (3.15 x 5.31 inches)

Dimensions [4]
356 x 248 x 16.9 mm (14.02 x 9.76 x 0.67 inches)

[4]*The system dimensions may vary depending on configurations.*

Weight [5]
Starting at 1.9 kg (4.19 lbs)

[5]*The system weight is approximate and may vary depending on configurations*

Color
Luna grey, dual-tone design

Case material
Aluminium (top)
Aluminium (bottom)

Connectivity

Ethernet
Gigabit onboard Ethernet

WLAN + Bluetooth * [6]
802.11be (Wi-Fi 7), Bluetooth 5.4

[6]*Wi-Fi 7 are only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10. Bluetooth 5.4 operation requires Windows 11.*

Ports

1x USB-A (Hi-Speed USB / USB 2.0), hidden
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 (USB4 40Gbps with Thunderbolt 4 certification), with USB PD 3.0 & DP 1.4
1x HDMI 2.1, up to 4K/60Hz
1x SD card reader
1x Ethernet (RJ-45)
1x Headphone / microphone combo jack (3.5mm)

Security & Privacy

Security
Microsoft Pluton 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 [7] [8] [9]
EPEAT Gold Registered
ENERGY STAR 8.0
ErP Lot 6/26
RoHS compliant

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

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

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

Other Certifications
TÜV Rheinland Low Blue Light (Hardware Solution)
Eyesafe Certified 2.0
MIL-STD-810H