

ThinkBook 16 G7 QOY

Copilot+PC



Redefine possibilities with the new-gen ThinkBook, powered by Qualcomm Snapdragon® X Plus CPU and a groundbreaking NPU that delivers 45 TOPs of performance for astonishing on-device AI processing. Whether you're creating rich media presentations on the go or diving into immersive 4K video streaming, this device optimizes workloads for uninterrupted productivity. With an integrated Qualcomm® Adreno™ GPU, it swiftly renders complex geometries for next-level visuals in applications, offering ultra-fast responsiveness and superior mobile connectivity for truly immersive experiences.

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.

Experience the synergy of form and function with the premium 16" screen featuring an impressive 91.3% screen-to-body ratio and a 2.5K display option. The expansive display offers higher pixel density, beneficial for tasks involving intricate visual elements, while the minimal bezel design with premium aesthetics maximizes the viewing area with minimal distractions.

Unleash your creative potential with supercharged performance on the go, powered by the 84Whr battery. The long-lasting battery allows you to work, browse, or stream content with minimal reliance on external power sources. Additionally, its enhanced efficiency per watt reduces heat generation, ensuring a quieter, cooler, and more comfortable user experience.

The Dolby Atmos superior linear speakers, equipped with Smart Amp technology, deliver high-fidelity audio while optimizing the sound range to match the laptop's unique acoustics, providing a personalized listening experience.

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Power beyond limits

The first Lenovo 16" mainstream Copilot+ PC and Windows on Snapdragon accelerates productivity and creativity. These advanced features allow you to work more efficiently, leveraging AI tools for real-time translations, recall, live captions, Cocreator, Windows Studio Effects, automatic super resolution, and image generation.

Powerhouse Performance

Unlock the potential of 32GB high-speed LPDDR5x 8448MHz memory, designed to reduce latency and ensure faster processing times on AI workloads, such as running machine learning models or executing complex algorithms concurrently.

Responsible Design

The redesigned keyboard, featuring tactile markings enhances usability for users with visual impairments. It improves typing accuracy without the need for visual feedback, making the laptop significantly more accessible to a diverse user base.

Secure Encryption

Embrace the enhanced security offered by Microsoft's Pluton security processor support, embedded within the laptop. Pluton fortifies the system against advanced hardware-level attacks, thus vigilantly protecting vital data, encryption keys, and credentials.

Lenovo Product Portfolio

Built to reduce environmental footprint

Lenovo is making the industry's broadest portfolio of technology solutions more sustainable to help organizations reduce their environmental impact. As a global technology powerhouse, Lenovo is committed to achieving net-zero greenhouse gas emissions by 2050 with targets validated by SBTi.

Recycled or sustainable product materials

Lenovo embraces sustainability by assimilating recycled materials such as post-consumer recycled content (PCC) in its manufacturing processes. Incorporating these materials makes the manufacturing process energy efficient, leading to a decreased carbon footprint and contributing to a circular economy.

- 90% PCC in Adapter and 25% PCC in Battery pack
- 50% PCC in Keyboard

Recycled shipping/packaging content

Lenovo is innovating to increase energy efficiency and the use of recycled content in our devices. By incorporating post-industrial recycled content and recycled ocean-bound plastic, our packaging provides exceptional protection to the device and significantly minimizes waste, while ensuring it undergoes rigorous testing to ensure low chemical emissions.

- >95% PIC in Cushion, 90% OBP in NB bag, FSC Carton and Accessory Box
- 100% use of paper in Screen Sheet



Product PCC

90% PCC in Adapter and
25% PCC in Battery pack,
50% PCC in Keyboard

Lenovo 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.

Asset Recovery Service (ARS)

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 CO2 Offset Service

Lenovo's Co2 Offset Service makes offsetting carbon emissions simple and within the control of the customer. We offset the carbon emissions across the average lifecycle associated with each of our devices by providing the option at the point of purchase, supporting the United Nations, Gold Standard®, and Climate Action Reserve.

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..

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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
Snapdragon X Plus

Operating System*
Windows 11 Pro (on ARM)
Windows 11 Home (on ARM)
Windows 11 Home Single Language (on ARM)

NPU*
Qualcomm® Hexagon™ NPU (max 45 TOPS)

Graphics
Qualcomm Adreno GPU (integrated)

Memory
16GB LPDDR5x-8448, soldered
32GB LPDDR5x-8448, soldered

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

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

Camera*
FHD 1080p, with privacy shutter

Battery
84Wh battery, video play back up to 30 hr

Power Adapter*
65W Type-C 3pin

Design

Display
16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC, 60Hz, TÜV Low Blue Light

16" WQXGA (2560x1600) IPS Anti-glare 16:10
- 350nits, 100% sRGB, 120Hz, Eyesafe, factory color calibration

Keyboard
6-row, spill-resistant, numeric keypad, Copilot key, backlight
,
Glass surface touchpad
80 x 135 mm (3.15 x 5.31 inches)

Dimensions
356.4 x 248.4 x 16.7 mm (14.03 x 9.78 x 0.66 inches)

Weight
Starting at 1.82 kg (4.02 lbs)

Connectivity

Ports
2x USB-C 10Gbps (full function)
2x USB-A 5Gbps (1x supports AOU)
1x HDMI 2.1 TMDS
1x Audio (Headphone and Microphone Combo Jack)
1x SD card 4-in-1

Security & Privacy

Security
Microsoft Pluton TPM 2.0
Kensington Nano Security Slot
Touch style MOC fingerprint reader on power button
Camera privacy shutter

Certifications

Green Certifications
EPEAT Gold Registered
ENERGY STAR 8.0
ErP Lot 6
ErP Lot 26
TCO Certified 9.0
RoHS compliant

Other Certifications
EPEAT Gold Registered
ENERGY STAR 8.0
ErP Lot 6
ErP Lot 26
TCO Certified 9.0
RoHS compliant

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