

ThinkBook 16p G6 IAX

Powered by up to an Intel® HX Series Core Ultra 9 processor and accelerated by up to 36 TOPS of AI performance, this powerhouse redefines productivity for mobile professionals. Engineers and 3D designers experience seamless modeling and simulation with up to NVIDIA® GeForce RTX™ 5070 graphics, while creatives benefit from ultra-responsive rendering using up to 64GB DDR5 memory. Data scientists handle massive datasets with efficiency, and architects switch smoothly between design tools and real-time collaboration apps. Wherever work takes them, professionals can depend on this laptop's exceptional performance.



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.

A 16" display with an optional 3.2K resolution and X-Rite® factory color calibration ensures visual accuracy for photographers, video editors, and CAD users alike. Multiple USB-A and USB-C® ports, along with DisplayPort™ and HDMI, offer flexible peripheral support, while Intel® Wi-Fi® 7 delivers fast, stable wireless connectivity in any workspace.

With up to 4TB of SSD storage, professionals can locally house extensive project files, datasets, and creative assets without compromise. Built-in Firmware TPM 2.0 and a fingerprint reader further secure sensitive information.

For mobile users, performance is paramount. With up to Intel® HX Series Core Ultra 9, AI acceleration, and RTX™ 5070 graphics, this device handles demanding tasks seamlessly, ensuring efficiency outweighs weight or size considerations.

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 Go Wired Speakerphone

- Microsoft Teams certified, omni-directional far-field 2x microphones array
- Portable plug-and-play capabilities and effortless PC UC support
- Comes with intuitive control with volume wheel, tactile keys, and readable LEDs



PN: 4XD1C82055, GXD1C82051

Lenovo Essential Wired Keyboard & Mouse

- USB wired keyboard & mouse combo. Low profile island style keys, LED indicators & adjustable feet
- Spill-resistant keyboard with waterproof membrane to protect from accidental spills
- Mouse with 1000 DPI optical sensor and scroll wheel for precise control



PN: 4X30I79883

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Performance

Processor Intel HX Series Core Ultra 5 / 7 / 9 Processor (Series 2)
AI PC Category* AI PC
Operating System* Windows 11 Pro or Home
NPU* Integrated Intel AI Boost, up to 13 TOPS M.2 2280 discrete NPU card, up to 32 TOPS*
Graphics NVIDIA GeForce RTX 5060 NVIDIA GeForce RTX 5070
Chipset Intel HM870 chipset
Memory Up to 64GB DDR5-6400, 2x CSODIMM Up to 64GB DDR5-5600, 2x SODIMM
Storage Up to two M.2 PCIe NVMe SSD M.2 2280 SSD up to 2TB each
Audio* High Definition (HD) Audio 2W x2 woofers and 2W x2 tweeters, Dolby Atmos, sound by harman/kardon, Smart Amplifier (AMP) Dual-microphone array with noise-cancelling
Camera* FHD 1080p + IR hybrid, with privacy shutter
Battery 85Wh (up to 5.35 hr) battery, Rapid Charge Pro
Power Adapter* 300W slim tip adapter*

Design

Display 16" 2.5K (2560x1600) IPS Anti-glare 16:10 - 500nits, 100% DCI-P3, 240Hz, Dolby Vision, DisplayHDR 400 Eyesafe, X-Rite factory color calibration 16" 3.2K (3200x2000) IPS Anti-glare 16:10 - 500nits, 100% DCI-P3, 165Hz, Dolby Vision, Eyesafe, X-Rite factory color calibration
Screen-to-Body Ratio 93%
Keyboard 6-row, spill-resistant, numeric keypad, Copilot key, backlight
Touchpad Glass surface Haptic touchpad or touchpad 80 x 135 mm (3.15 x 5.31 inches)
Dimensions 354.6 x 256.2 x 17.9 mm (13.96 x 10.09 x 0.70 inches)
Weight Starting at 2.1 kg (4.63 lbs)
Color Luna grey, dual-tone design
Case material Aluminium (top) Aluminium (bottom)
Special Features AI Chip: LA3 Modern Standby

Connectivity

WLAN + Bluetooth* 802.11be (Wi-Fi 7), Bluetooth 5.4
Ports 2x USB-A (USB 5Gbps / USB 3.2 Gen 1) 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), Always On 2x Thunderbolt 4, with USB PD 95-100W & DP 2.1 1x HDMI 2.1, up to 8K/60Hz 1x SD card reader 1x Headphone / microphone combo jack (3.5mm) 1x Slim tip power connector 1x Magic Bay (pogo pin connector)
Docking Docking support via Thunderbolt / USB-C

Security & Privacy

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

Material 50% recycled aluminum alloy on bottom cover 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 enclosure 100% use of paper in cushion, screen sheet, bag, carton handle, and sealing label FSC certified content in carton box and accessory 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 Pantone SkinTone Validated Pantone Validated TÜV Rheinland Low Blue Light (Hardware 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.