

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.

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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)

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

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