

# Lenovo ThinkBook

Smarter  
technology  
for all

Lenovo

## Lenovo ThinkBook 16p Gen 6

Ideal for the intense tasks of today's content creators, designers, coders, architects, and more, the light and portable Lenovo ThinkBook 16p Gen 6 delivers high-performing power in a modern metallic exterior. Accelerate daily workflows with Lenovo AI Now, on-device AI digital assistance that's UL-certified to be safe, providing a personalized, productive, and protected experience. You can polish or summarize documents, search your private data, or get device help. Powered by the Intel® Core Ultra processors (Series 2), this AI-ready powerhouse supercharges performance for your most demanding critical tasks, with a powerful GPU and discrete NPU built in for faster time-to-insight backed by robust security and device management.

But Lenovo innovation has further elevated this impressive AI PC, introducing a new discrete NPU (dNPU) into the ThinkBook 16p Gen 6 that boosts AI capabilities and seamlessly balances heavy workloads, enhances live collaboration, and improves power efficiency and heat management. The next-level experience doesn't end there, as additional improvements include a 93% screen-to-body ratio, 2TB storage, a responsive 120 x 75 mm Haptic ForcePad<sup>1</sup>, and Wi-Fi 7 for better connectivity. And, with the newest Magic Bay accessory, the Head-up Display (HUD), you'll enjoy convenient additional views for AI-assisted multitasking without screen obstruction or distractions.



AI PCs built  
for business

<sup>1</sup> Optional

# Lenovo ThinkBook 16p Gen 6



## HIGH-PERFORMING INTELLIGENCE

Thanks to the Intel® Core Ultra processors (Series 2), the Lenovo ThinkBook 16p Gen 6 delivers the power to grow your business with AI PCs, providing secure on-device AI apps, optimizations for performance and efficiency, and integrated Wi-Fi 7 for premium always-on connectivity. An industry-first in laptops, Lenovo engineers have amped up real-time AI capabilities by adding its own dNPU. Complementing the existing dGPU, the dNPU provides dedicated AI processing, enhancing the performance of Machine Learning, Natural Language, genAI, and Computer Vision. This potent add-on makes the on-device Lenovo AI Now features even more capable, seamless, and faster for an enhanced experience. The new dNPU also improves power efficiency and heat management, as well as optimizing live collaboration with real-time transcription, smart annotations, and enhanced visuals. Plus, the new user-friendly Magic Bay Head-up Display (HUD) module enables easy access to Lenovo AI Now with a dynamic, customizable display extension.



## REFINED USER EXPERIENCE

Designed with a more elevated modern look and feel, this lightweight, portable 16" AI PC is built for impressive on-the-go power, so you'll be ready whenever and wherever inspiration strikes. The accessibility keyboard features tactile cues to improve typing for visually impaired users, while the large TouchPad or optional Haptic ForcePad add to the already-comfortable typing experience. Improved storage up to 2TB, convenient I/O ports for expandability, advanced thermal design, and strategically placed rear-side air vents round out the wow factor.



## VIBRANT DISPLAY

Whether you're working on content creation, designing a skyscraper, analyzing data, or catching up on your favorite streaming series, the inspiring display of the Lenovo ThinkBook 16p Gen 6 will keep you captivated. The huge 16" 3.2K, 16:10 screen with 500nits brightness and up to 240Hz refresh rate, along with the impressive 93% screen-to-body ratio and X-Rite™ color calibration, delivers a highly immersive viewing experience. You'll also be seen in vivid clarity as well, thanks to the AI-based image resolution enhancement, AI-based background blurring, and auto-framing of Lenovo AI Now.

## Lenovo AI NOW



**AI Model  
Transparency  
Score  
DIAMOND**



## Private and secure on-device AI assistance

The Lenovo ThinkBook 16p Gen 6 is enabled with local AI acceleration by the new dNPU and Lenovo AI Now, a suite of LLM and other AI models to provide a broad AI experience that's personalized, productive, and protected. Recognized by UL, the leading certification organization for data privacy and AI model transparency, Lenovo AI Now delivers on-device AI digital assistance across platforms to amplify workday efficiency.

### KNOWLEDGE ASSISTANT

Access proprietary large learning models (LLM) on your device to think for you. Retrieve high-quality information, capture texts within images, and get answers to queries grounded in your personal knowledge base.

### PC ASSISTANT

Get an on-device IT expert to help you with PC configuration, system settings, Lenovo smart modes, and Intelligent Service with integrated Lena service.

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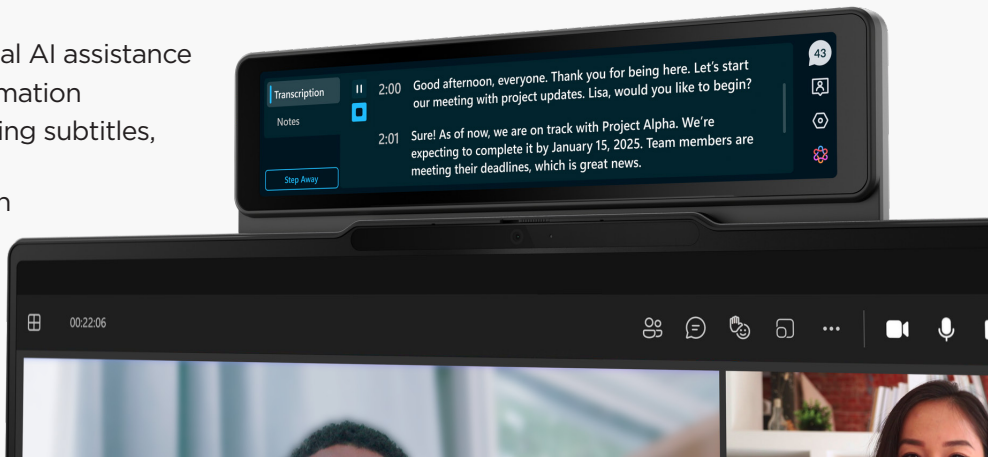
# Lenovo ThinkBook 16p Gen 6

Experience the magic of modularity  
**Lenovo Magic Bay ecosystem**

## Lenovo Magic Bay Head-up Display (HUD)

Extend your display for convenient additional views and intelligent multitasking without screen obstruction or distractions. Easily attaching via Pogo Pin and powerful magnets, the new Lenovo Magic Bay Head-up Display delivers always-on Lenovo AI Now assistance for optimal workflow—no toggling required.

- Easy access to Lenovo AI Now for local AI assistance
- Displays dynamic, customizable information
- Multi-mode functions, including meeting subtitles, to-do lists, and reminders
- User-friendly with easy travel between PC and HUD
- Multi-view design and vivid animation effect



## Additional Lenovo Magic Bay modules

### Lenovo Magic Bay Studio

Lenovo Magic Bay Studio is an innovative accessory designed for seamless collaboration, boasting a 4K camera and high-quality speakers. Using a Pogo Pin to pair with selected ThinkBook laptops, Magic Bay Studio offers synchronized audio, making it ideal for remote professionals seeking enhanced audio and video experiences.



### Lenovo Magic Bay 4K Webcam

This detachable webcam is designed to upgrade your view, with an impressive 4K resolution at 30FPS, plus autofocus and auto-framing features and e-privacy shutter. The dynamic field of view and adjustable viewing angles ensure high-quality visuals in an easy-to-use plug-and-play design.



### Lenovo Magic Bay LTE

Whether you're taking a meeting, sending critical files, or uploading a vlog, Magic Bay LTE ensures you've got a stable internet connection wherever you go—even when Wi-Fi is spotty. Easily connect to a secure 4G hotspot via the 11-pin Pogo connector or USB-C to stay productive on the go.



### Lenovo Magic Bay Light

Working remotely means there's a chance you'll be in an environment with poor lighting conditions for those important videocalls. Providing extra illumination when needed, the Magic Bay Light is the perfect solution, with adjustable brightness up to 150Lux and a 0.5-meter radius.



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# Lenovo ThinkBook 16p Gen 6

## 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. And we partner with Intel, the industry leader in sustainable semiconductor manufacturing.

As we continue innovating to provide technology solutions that are more energy efficient and human centered like the Lenovo ThinkBook 16p Gen 6, we stay focused on empowering you to meet your own sustainability goals—and solve humanity's greatest challenges.



**REDUCING  
GREENHOUSE GAS  
EMISSIONS**



**PACKAGING  
SUSTAINABILITY**



**SUSTAINABLE  
PRODUCT DESIGN**



**SUPPLY CHAIN  
SUSTAINABILITY**

Responsible design	Lenovo ThinkBook 16p Gen 6
D Cover	50% recycled aluminum
Speaker Enclosure	30% PCC plastic
Battery Pack	25% PCC plastic
Keycaps	50% PCC plastic
Packaging	Plastic-free

## certifications & registries

ENERGY STAR® 9.0 certified

EPEAT® Gold registered in U.S.,  
Canada, and Germany

TCO 10.0 Certified

Eyesafe® certification

CO<sub>2</sub> Offset

## Lenovo Services

Partner with Lenovo to implement cost-efficient, sustainable services across the device lifecycle and make a meaningful difference to your bottom line—and the environment.



### **LENOVO TRUSCALE DEVICE AS A SERVICE**

Deploy the IT resources you need and responsibly dispose of those you don't. Supported by our suite of services, TruScale DaaS helps you prolong device usability and promote circularity for your IT assets.



### **LENOVO CO<sub>2</sub> OFFSET PROGRAM**

Make carbon offsetting easy with a seamless, transparent process for Lenovo devices across your current IT fleet or new purchases—with a sustainability dashboard to view the offset metrics.



### **LENOVO PREMIER SUPPORT PLUS**

Reduce downtime and increase productivity with direct access to advanced technicians who provide better, faster solutions that work every time—anytime, anywhere.

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# Lenovo ThinkBook 16p Gen 6

## performance

### PROCESSOR

Up to Intel® Core Ultra 9 processor 275HX

### OPERATING SYSTEM

Windows 11 Pro

### GRAPHICS

NVIDIA® GeForce RTX™ 5060 (8GB) / 5070 (8GB)

### MEMORY

Up to 64GB1 DDR5, 6400/5600MT/s, 2x SODIMM

### STORAGE

Up to 2TB PCIe Gen5/Gen4v dual SSD, 2x2242/2280

### CAMERA

FHD hybrid camera with webcam privacy shutter

### AUDIO

4x Harman/Kardon speakers

2x microphones

Dolby Atmos SW

Smart amplifier

### BATTERY

85 Whr battery

### AC ADAPTOR

300w Slim Tip Slim Tip

### DISCRETE NPU

Interface type: PCIe 3.0x4

Form factor: M.2 2280 Key M

Module size (WxLxH): 22x80x5.4mm

Computing capacity: 32TOPs

Memory & bandwidth: 8GB; 59.6GBps

Max power: <8.6W (<16W peak)

Idle power consumption: <100mW (app off); 500mW (app on)

## connectivity

### INPUT/OUTPUT PORTS

2x Thunderbolt™ 4

1x Audio (Headphone and Microphone Combo Jack)

2x USB-A 5Gbps

1x USB-A 10Gbps

SD Card Reader

HDMI 2.1

DC-In

### WI-FI

Wi-Fi 7

### DOCKING

Thunderbolt Dock

USB 3.0 and Type-C Docks

## design

### DISPLAY

16" 3.2K IPS, 100% DCI-P3, 500nits, 165Hz

16" 2.5K IPS, 100% DCI-P3, 500nits, 240Hz, w/HDR

Color Calibration, LBL, TÜV Eyesafe®, Dolby Vision®, G-Sync

### DIMENSIONS (W X D X H)

354.6 x 256.2 x 17.9mm / 13.96 x 10.09 x 0.70 inches

### WEIGHT

Starting at 4.85 lbs / 2.2 kg

### MIL-STD-810H

Yes

### KEYBOARD

Smart sense keyboard backlight keyboard

Lenovo AI Now key

### COLORS

Storm Grey

## software

Lenovo AI Now

Lenovo Smart Meeting

Lenovo Vantage

McAfee® LiveSafe™ (trial)

Office 365 (trial)

## security

ThinkShield security

Firmware TPM 2.0

Kensington® Nano Security Slot™

Fingerprint reader integrated into power button

IR camera

Webcam privacy shutter



AI PCs built  
for business

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