



Smarter  
technology  
for all

Lenovo

# Made for no holds barred work

Lenovo ThinkBook 16p Gen 4

(Pre-release datasheet for CES 2023)



Powered by up to  
13<sup>th</sup> Gen Intel® Core™ i9 processor

ThinkBook

Do the **Unthinkable.**

Built for Business.  
Designed for You.

\*Images and specifications are subject to change

## IMPRESSIVE PERFORMANCE FOR ANYWHERE BUSINESS

Creativity is a key part of modern businesses—marketing, design, business automation, and content creation all require a creative mindset. But creativity is nothing without the right kind of device. And creativity is no longer a niche but the mainstay for businesses of any size, anywhere. Adding hybrid and remote work to the mix adds a need for portability and accessibility that is not location-bound and complicates a steadily evolving scenario.

Simple laptops no longer cut it. Lenovo ThinkBook 16p Gen 4 answers this dilemma with its state-of-the-art latest-gen components, connectivity, and portable form factor, which helps individuals and businesses alike.

### DESIGNED FOR PEAK PERFORMANCE

**The creative upgrade:** the ThinkBook 16p Gen 4 is a significant upgrade for creative professionals and businesses. Armed with the up to **13<sup>th</sup> Gen Intel® Core™ i9 processor** – a powerhouse in its own right – is ably supported by the new generation **NVIDIA® GeForce RTX™ 4060 graphics card**.

**The portability upgrade:** remote and hybrid work is increasing steadily and will be around for a while. Powerful, portable devices are a must for remote work, especially for those in creative fields. It's not easy lugging around heavy devices. Advancements in technology have helped manage device weight better, increasing portability significantly. ThinkBook 16p Gen 4 has features like desktops in an impressively lighter body, weighing close to **2kg**, and **19.9mm** in size.

**The visual upgrade:** a powerful display is vital for creative professionals such as designers, video editors, game developers, and more. ThinkBook 16p Gen 4 features an up to **3.2K LCD** display with **100% DCI-P3**, 430nits brightness, and 165Hz refresh rate. This display also supports color calibration, a DeltaE<1, and comes with a color gamut switch. It has additional user comfort features like **Eyesafe®** and **TÜV Low Blue Light** certifications.



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**The connectivity upgrade:** connectivity is crucial for modern-day work, be it data transfer, display connectivity, peripherals, or internet access. ThinkBook 16p Gen 4 features a plethora of connectivity options for every need. Up to **Wi-Fi 6E** wireless connectivity promises superfast internet access, and speedy downloads and uploads. One Thunderbolt™ 4 port, a Mic/Audio port, HDMI 2.1, SD Card Reader, and USB-A and USB-C connectors each, make it a versatile device where connectivity is concerned.

### CREATED FOR MODERN WORKFORCE

**Fast and spacious:** operational speed and the capacity to handle heavy loads are a necessity for systems aimed at creative professionals. ThinkBook 16p Gen 4 features super-fast **Up to 32GB DDR5 memory** with 2 DIMM slots. It also features **Dual PCIe Gen4 x 4 SSD Slots** for speed and efficiency.

**Improved user experience:** ease of use matters. ThinkBook 16p Gen 4 covers all its bases, with a powerful 80Whr large capacity battery and a 230W adapter. It also features four user-facing speakers by **harman/kardon®** and two mics with an in-built amplifier. It also features Smart Wireless technology, self-healing, and user-friendly features. **Lenovo ThinkShield security** helps protect against malware, security breaches, and more with its proprietary suite of protective features as well.

**Nature-friendly build:** nearly every aspect of the ThinkBook 16p Gen 4 is designed to be eco-friendly. Armed with a series of sustainability certifications such as **EPEAT™ Gold**, **TCO 9.0**, and Energy Star®, it also has a carbon offset certification. The bottom cover of the device is made from 50% recycled aluminum, and its packaging is also sustainably sourced, receiving an FSC certificate. It is also part of **Lenovo's CO<sub>2</sub> Offset Service**, thanks to its use of responsibly sourced materials.

## LENOVO THINKBOOK 16p GEN 4

### Cool, in more than one way:

Never worry about an overheated device again. ThinkBook 16p Gen 4 features large air vents around the device, ensuring a steady and even flow of cooling air.



**Modular design:** Your functionality doesn't end with the ThinkBook 16p Gen 4. Its unique modular design makes it easy to add accessories through the Lenovo Magic Bay magnetic detachable accessories system. Add everything from a high-res webcam, lamp, and LTE module easily.



**On top of the display game:** Gear up for an amazing display experience. ThinkBook 16p Gen 4 features an upgradable super-resolution of up to 3.2K. Up to 430nits brightness and up to 165Hz refresh rate give a bright, flicker-free visual experience. Up to 100% DCI-P3 color gamut, Color Calibration, and Eyesafe® technologies ensure vibrancy and reduce eye strain.



# IMPRESSIVE PERFORMANCE FOR ANYWHERE BUSINESS

## DRIVEN BY SUSTAINABILITY

It's increasingly vital to be ecologically responsible. It's not just words on paper – climate change is a real and present danger. Every gram of carbon; every piece of plastic added to the environment increases the chance of an unrecoverable disaster. Our oceans are already choked, and the air isn't far behind. We are doing our part to clean up the world – so there is one for future generations. We choose responsible, effluent-free materials and ecologically safe materials. We even do our part to clean up our oceans and land by reclaiming discarded materials.

ThinkBook 16p Gen 4 is made and packaged with responsibly-sourced materials and carries numerous certifications that prove its sustainability chops.

### Energy efficiency

ThinkBook 16p Gen 4 consumes less power in its manufacture and daily operations, earning it the **Energy Star® 8.0 certification**.



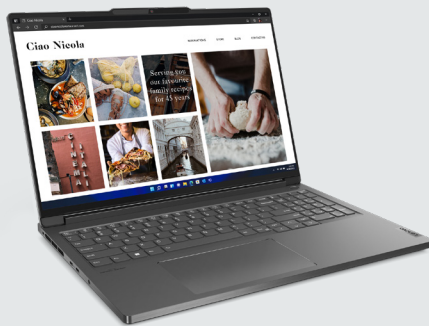
### Packaging

- ThinkBook 16p Gen 4 is packaged in responsibly sourced Forest Stewardship Council (FSC) certified materials – from paper to the box.
- The device carton also has a paper-based handle
- 90% of the packaging is also made of PIC materials



### Responsible construction

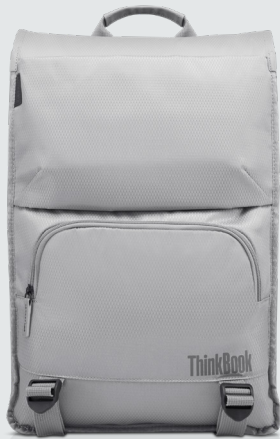
- The bottom cover of ThinkBook 16p Gen 4 is made from 50% recycled aluminum
- The battery also consists of 25% post-consumer recycled content



## CERTIFICATIONS



## RECOMMENDED ACCESSORIES



**THINKBOOK URBAN BACKPACK**  
PN: 4X40V26080

A multi-functional backpack with an anti-theft pocket ensures security on the move. The padded laptop compartment offers cushioned comfort, while the high-quality fabric and stylish PU leather accent add to the contemporary design.



**THINKBOOK BLUETOOTH SILENT MOUSE**  
PN: 4Y50X88824

Modern, low-profile, with an ambidextrous design and silent buttons, this mouse is a must-have premium accessory for your laptop. Sculpted to be comfortable while holding and equipped with a blue optical sensor with track-on-glass compatibility, this mouse works effortlessly even on a glossy surface. Dual-host Bluetooth connectivity (with Microsoft Swift Pair) and 2-way scroll with on-the-fly DPI adjustment to up to 2400 give you more precision and control.



**THINKPAD UNIVERSAL USB-C DOCK**  
PN: 40AY0090IN

One connection, no limitations—a seamless docking experience guaranteed. The ThinkPad Universal USB-C Dock allows you to experience two vivid 4K screens or triple 1080p displays, save time with transfer speeds of 10Gbps, and securely connect your ThinkBook 16p Gen 4 to almost any external peripheral.

# IMPRESSIVE PERFORMANCE FOR ANYWHERE BUSINESS

## PERFORMANCE

### Processor

Up to 13<sup>th</sup> Gen Intel® Core™ i9 processor

### Operating System

Windows 11 Home  
Windows 11 Pro

### Memory

Up to 32GB DDR5  
2 x DIMM

### Storage

Up to 2TB Dual SSD

### Graphics

Up to NVIDIA® GeForce RTX™ 4060

### Camera

FHD Hybrid IR Camera

### Audio

2 x 2 user-facing harman/kardon®  
speaker + AMP  
2 Mics

### Battery

80Whr Fast-Charging

### AC Adapter

230W

### TDP

150W

### Security

McAfee LiveSafe  
Lenovo ThinkShield  
fTPM

## CONNECTIVITY

### WLAN

Up to Wi-Fi 6E

### Ports

**Left-side ports**  
1 x Thunderbolt™ 4  
1 x USB 3.2 Gen2 Type-C  
1 x Combo Mic/Audio

### Right-side ports

1 x SD card reader

### Rear ports

2 x USB Type-A  
1 x HDMI 2.1  
DC-in

## DESIGN

### Materials and Finish

3-Side Metal Covers (A/C/D)  
Mylar B-side Cover

### Dimensions (W x D x H)

19.9mm thick (TBD)

### Weight

2kg/4.4lbs.

### Color

Storm Grey

### Display

3.2K, 100% DCI-P3, 430nits, 165Hz  
2.5K, 100% sRGB, 400nits, 60Hz  
DeltaE<1 with Color Calibration Support  
Color gamut switch  
EyeSafe®  
93% STBR

### Keyboard and Touchpad

135 x 80mm Glass Touchpad  
Smart Backlit Keyboard

## USER EXPERIENCE

Lenovo PC Manager for SMBs  
Lenovo Hotkey  
Modern Standby  
Lenovo Presence Detection (TOF)  
Super-resolution  
Flip to start  
Windows Hello  
Eye care mode  
Q Control (Intelligent Thermal Solution)  
Smart Panel Backlight  
Smart Keyboard Backlight  
Adaptive Refresh Rate

## PRELOADED SOFTWARE

Lenovo Vantage  
Microsoft Office  
X-rite Color Assistant  
Dolby® Vision™

## CERTIFICATION

Energy Star®  
EPEAT™ Gold  
VOC  
TCO 9.0  
RoHS/Low Halogen  
Lenovo CO<sub>2</sub> Offset Service  
TÜV Low Blue Light  
Eyesafe®  
TÜV Eye Comfort  
X-Rite on Creator  
Dolby® Vision™  
HDR System  
Dolby® Atmos™  
harman/kardon®  
FSC  
MIL-STD 810H



**This datasheet is for CES 2023 only. Images, and specs may change until the final release of the product.**



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## SERVICES AND SUPPORT: COMPLETE CARE FOR YOUR LENOVO THINKBOOK 16p GEN 4 IAP

### FLEXIBLE WARRANTY EXTENSIONS AND UPGRADES

ThinkBook 16p Gen 4 IAP is covered with a 1-year base warranty and can be upgraded for a period of up to 5 years to extend the value of your investment.

### ONE-CALL ACCESS TO PROFESSIONAL HELP

Premier Support service is an enhanced warranty plan that provides 24x7 direct access to the right level of tech support on the first call, on priority.

### INTERNATIONAL WARRANTY SERVICE (IWS)

IWS addition allows international availability of standard warranty terms. Applicable in all countries where the particular model is sold and serviced.

### COVERED FOR UNCERTAINTIES

Accidental Damage Protection (ADP) provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

Keep Your Device (KYD) allows customers to keep their drives and dispose of business data on their terms, improving data security and ensuring compliance with data privacy and retention requirements.

Sealed Battery Warranty (SBTY) provides battery replacement for 2 years in the event of a battery failure.

### DEVICE MAINTENANCE AND REPAIR

Get flexible and 30% faster response with Lenovo Commercial Services.

- Onsite Next Business Day Response (NBD) and Technician Installed Customer Replaceable Unit (CRU)
- Expedited Depot Service

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