

Impressive performance for anywhere business

Performance

Processor

Up to 13th Gen Intel® Core™ i9 processor

Operating system

Windows 11 Home
Windows 11 Pro

Memory

Up to 32GB DDR5 5200MHz
2 x DIMM

Storage

Up to 1TB PCIe Gen4 x 4 2280 SSD
2 x M.2 PCIe Gen4 x 4 Slots

Graphics

Up to NVIDIA® GeForce RTX™ 4060

Camera

FHD Hybrid IR Camera

Audio

4 x harman/kardon®
speaker + AMP
2 Mics
Dolby Atmos®

Battery

80Whr Fast-Charging

AC adapter

230W

TDP

150W

Security

Lenovo ThinkShield
fTPM

Connectivity

WLAN

Wi-Fi 6
Wi-Fi 6E¹

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
1 x Kensington™ Nanosaver® lock slot
2 x USB 3.2 Gen2 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)

354.6 x 255 x 19.9mm
13.96 x 10.03 x 0.78 inches

Weight

2.16kg/4.76lbs.

Color

Storm Grey

Display

3.2K, 100% DCI-P3, 430nits, 165Hz
2.5K, 100% sRGB, 400nits, 60Hz
93.4% STBR
DeltaE<1, Color Calibration
Color gamut switch
TÜV Eyesafe®
Dolby Vision®

Keyboard and touchpad

135 x 80mm Ultra-large Glass
Surface Touchpad
Smart Backlit Keyboard

User experience

Lenovo PC Manager for SMBs
Lenovo Hotkey
Modern Standby
Flip to start
Windows Hello
Q Control (Intelligent Thermal Solution)
Smart Panel Backlight

Preloaded software

McAfee® LiveSafe™
Lenovo Vantage
Microsoft Office
X-Rite Color Assistant
Dolby Vision®

Certification

Energy Star® 8.0
EPEAT™ Gold
VOC
TCO 9.0
RoHS/Low Halogen
Lenovo CO₂ Offset Service
FSC package
TÜV Low Blue Light
TÜV Eyesafe®
TÜV Eye Comfort
X-Rite on Creator
HDR System



Powered by up to
13th Gen Intel® Core™ i9 processor

© 2023 Lenovo. All rights reserved. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo and ThinkBook are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Intel, the Intel Logo, Intel Inside, Intel Core, and Core Inside are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. 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 (5Gbit/s for USB 3.1 Gen1; 10Gbit/s for USB 3.1 Gen2; 20Gbit/s for USB 3.2). Product features and images shown may vary by specific model. Check with stockists for details.

Services and support: complete care for your Lenovo ThinkBook 16p Gen 4 IRH

Flexible warranty extensions

Lenovo ThinkBook 16p Gen 4 IRH is covered with a 1-year base warranty 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

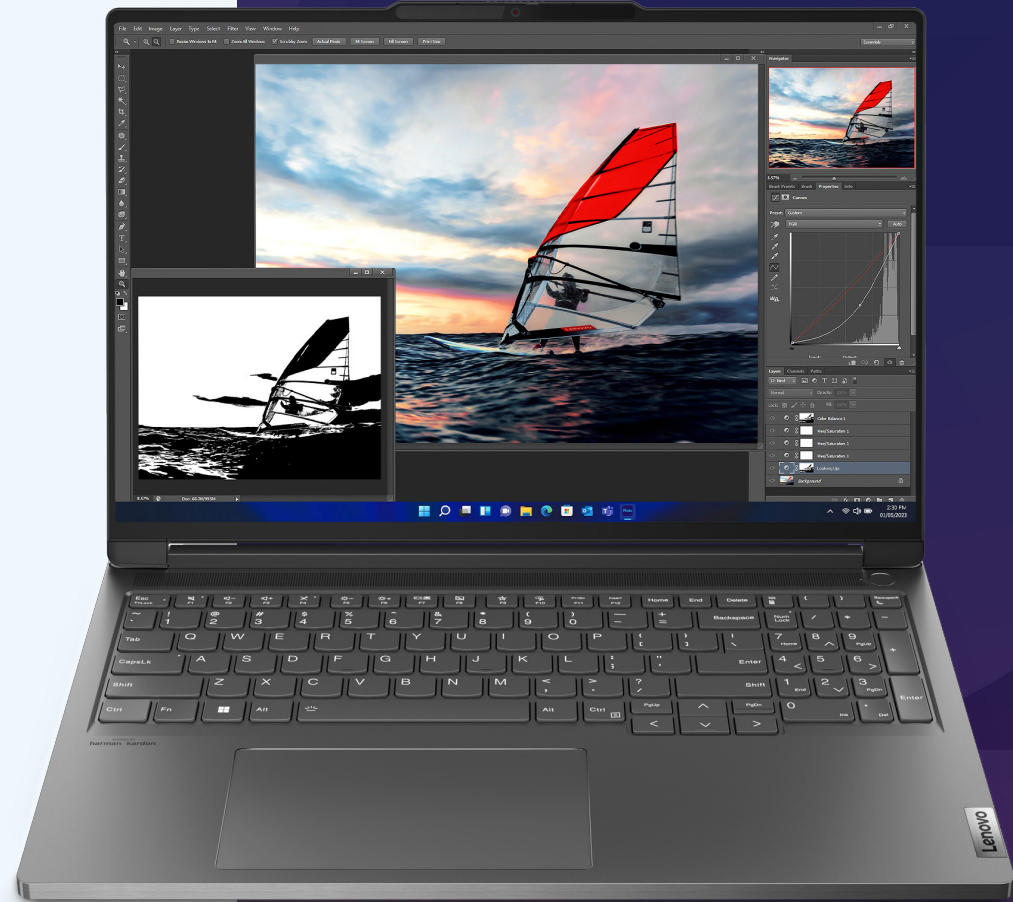
Lenovo

Lenovo
ThinkBook

Made for no holds barred work

Lenovo ThinkBook 16p IRH datasheet

Version 1.0 | April 2023



Powered by up to
13th Gen Intel® Core™ i9 processor

Smarter
technology
for all

Lenovo

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. 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 **13th Gen Intel® Core™ i9 processor** – a powerhouse in its own right – is ably supported by the new generation up to **NVIDIA® GeForce RTX™ 4060 graphics card**.

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**. With an improved **93.4% STBR**, this updated display features an X-Rite color calibration s/w, **Dolby Vision®**, a DeltaE<1, and a color gamut switch. It has additional user comfort features like **Eyesafe®** and **TÜV Low Blue Light** certifications.

The portability upgrade: powerful, portable devices are necessary for remote work. It's not easy lugging around heavy devices. ThinkBook 16p Gen 4 has desktop-like features in an impressively lighter body, weighing **2.16kg** and **19.9mm** thick. This device is styled in a **Storm Grey** color for a professional, classy look.

The usability upgrade: ThinkBook 16p Gen 4 features an upgraded keyboard designed for increased user comfort. The new **backlit keyboard** is larger and more comfortable to type on, thanks to the **1.5mm key travel** for a satisfying experience. The **135 x 80mm ultra-large glass surface touchpad** makes navigation smooth and easy.



Lenovo

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 6E¹** wireless connectivity promises superfast internet access, and speedy downloads and uploads. Comprehensive I/O configuration on this device including Thunderbolt™ 4 port, USB-C 3.2 Gen2, Mic/Audio port, HDMI 2.1, SD Card reader, and two USB-A 3.2 Gen2 ports 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 necessary 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: ThinkBook 16p Gen 4 covers all its bases, with a powerful **80Whr large capacity**, fast charging battery and a 230W adapter. It also features a four-speaker array powered by **harman/kardon®** with **Dolby Atmos®** and two mics with **Lenovo Smart Noise Cancellation** software for a live experience. 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® 8.0**, 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. Thanks to its use of responsibly sourced materials, it is also part of Lenovo CO₂ Offset Service.

¹Optional



Powered by up to
13th Gen Intel® Core™ i9 processor

Impressive performance for anywhere business

Lenovo ThinkBook 16p Gen 4

Cool, in multiple ways:

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



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 Dolby Vision® deliver the most true-to-life viewing experience, and TÜV certifications ensure reduced eye strain.

Modular design: your functionality continues after the ThinkBook 16p Gen 4. Its unique modular design makes it easy to add accessories through the Lenovo Magic Bay magnetic detachable accessories system.¹ Add everything from a high-res webcam, lamp, and LTE module easily.



¹Available only on selected configurations

Impressive performance for anywhere business

Recommended accessories



LENOVO BUSINESS CASUAL 17-INCH BACKPACK

PN: 4X40X54260

Lenovo Business Casual Line is a case collection focusing on lightweight, clean lines and modern details for young professionals' daily commute and occasional travel. With 24L capacity, this Lenovo Business Casual 17-inch Backpack is made of durable and water-resistant polyester with contrast black TPU coating decoration, which makes it a good companion for no matter commute or travel.



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.



LENOVO GO USB-C ANC IN-EAR HEADPHONES

PN: 4XD1C99220

The Lenovo Go USB-C ANC In-Ear Headphones are designed to deliver clear voice and maintain productivity while on the go. Not only do these headphones produce superior sound, they also feature 3 microphones that ensure clear voice for calls.

Microsoft TEAMS certified.