



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

Smarter
technology
for all

Lenovo

Lenovo ThinkBook 16p Gen 4

Datasheet

Made for no holds barred work

(Pre-release version for CES 2023)

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 **13th 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 miniLED** display with **100% DCI-P3**, 400nits brightness, and up to 120Hz 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 **TÜV Eyesafe®** and **TÜV Low Blue Light** certifications.



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



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. USB-C ports, a Mic/Audio port, HDMI 2.1, SD Card Reader, and USB-A connectors 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 **16GB DDR5 memory** with 2 DIMM slots. It also features **512GB dual SSD** storage for speed and efficiency.

Improved user experience: ease of use matters. ThinkBook 16p Gen 4 covers all its bases, with a powerful battery, 80W/hr fast charging, and a powerful 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. 50% of the device cover is made from recycled aluminum, and its packaging is also sustainably sourced, receiving an FSC certificate. It is also part of **Lenovo's CO₂ Offset Service**, thanks to its use of responsibly sourced materials.

Lenovo

LENOVO THINKBOOK 16p GEN 4 - FEATURES

Cool, in more than one way:

Never worry about an overheated device again. ThinkBook 16p Gen 4 features large air vents on all four sides of 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 via USB or the one-of-a-kind 11-pin pogo connector. 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, from 2.5K to 3.2K. Up to 400nits brightness and up to 120Hz refresh rate give a bright, flicker-free visual experience. 100% sRGB, 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

- 50% of the aluminum used in the construction of the ThinkBook 16p Gen 4 is recycled
- 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: 4Y50X888XX

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: 40AY0090XX

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 13th Gen Intel® Core™ i9 processor

Operating System

Windows 11 Home
Windows 11 Pro

Memory

Up to 16GB DDR5
2 x DIMM

Storage

512GB Dual SSD

Graphics

UMA
Up to NVIDIA® GeForce RTX™ 4060

Camera

FHD IR
FHD RGB

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
2 x USB 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

2.1kg / 4.62lbs.

Color

Storm Grey

Display

3.2K, MiniLED, 100%DCI-P3, 400nits, 120Hz
2.5K 100% sRGB, 400nits, 60Hz
DeltaE<1 with Color Calibration Support
Color gamut switch
TÜV EyeSafe®
93%+ STBR

Keyboard and Touchpad

135 x 80mm Glass Touchpad
Smart Backlit Keyboard

USER EXPERIENCE

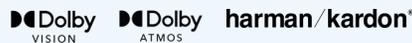
Lenovo PC Manager for SMBs
Lenovo Hotkey
Modern Standby
Lenovo Presence Detection (TOF)
Super-resolution
Flip to start
Windows Hello
Eye care mode
Q Control (Intelligent Thermal Solution)
Smart Panel Backlight
Smart Keyboard Backlight
Adaptive Refresh Rate

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 CO₂ Offset Service
TÜV Low Blue Light
TÜV EyeSafe®
TÜV Eye Comfort
X-Rite on Creator
Dolby® Vision™
HDR System
Dolby® Atmos™
harman/kardon®
FSC
MIL-STD 810H



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

This datasheet is created for CES 2023.
Images, specs may change until final release.

© 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 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

Lenovo