

ThinkBook

Lenovo



A HIGH-PERFORMING CREATIVITY TOOL

ENHANCE PRODUCTIVITY IN STYLE.

Lenovo ThinkBook 16p Gen 2 ACH Datasheet
(Pre-release version for CES 2021)

AMD
RYZEN

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TUNED TO PERFORM

Maximum Computing: run heavy applications and multitask effectively through the raw power of the latest generation AMD Ryzen™ mobile processors that possess the most advanced technology,¹ giving you a smooth computing experience, always.

Graphics Powerhouse: the latest generation NVIDIA® GeForce® RTX discrete mobile graphics allows you to edit high-resolution videos, and accelerate rendering, AI, and image processing, enhancing your workflow.

Performance Optimized: the Lenovo ThinkBook 16p Gen 2 has three different modes that enable you to optimize its performance based on your workload. It takes into account the memory needed for the task, the resting surface, and then helps you save battery life by keeping the system cool.

Instant Access to the Internet: Wi-Fi 6 ensures that meetings are seamless and that downloads and uploads take place quicker, even when multiple devices are connected to the same network.

Progress Tracked: a larger glass cover touch pad (120 x 75 mm) gives you 22% more screen space than 15p to play around with, helping you scroll through and maneuver design software better. The keyboard includes a discrete number pad and full-sized cursor keys that improve the typing and navigating experience.



UNMATCHED USER EXPERIENCE

Accurate Colors, Every Time: factory-calibrated with pre-installed X-Rite Color Assistant: RGB CMYK color calibration technology with delta E<2³ (lower the delta, closer it is to real-life color) offers color accuracy out of the box. Critical for creative professionals, this ensures accurate color reproduction and brings color consistency across panels for distortion-free and true-to-life visuals. The 16p Gen 2 comes equipped with hardware-based low blue light technology that ensures accurate color performance while minimizing harmful blue light. TÜV Rheinland Eyesafe Display Certification also minimizes harmful blue light, but through software.

More Screen to Create On: imagine and put down your ideas freely on the Lenovo ThinkBook 16p Gen 2. The aspect ratio of 16:10 gives you 11.45% more screen real estate to work with, while the 188PPI, 2.5K LCD display ensures the images are detailed and everything on the screen is of the highest quality.

Smart Features: AI-based noise-canceling technology cuts ambient noise for efficient meetings, especially when working from home. Pick between Private, Shared, or Environmental modes for the ideal conferencing setup. Start from where you left off, instantly, by simply opening the lid of your PC to wake the device.

APT FOR TODAY'S WORKFORCE

Stunning and Portable: creative professionals need to connect and share ideas. The multiple ports, such as USB Type-C, USB Type-A, and card reader, help you express your ideas better without worrying about connectivity.

Versatile Connectivity: narrower bezels than its predecessor with >90% screen-to-body ratio gives more screen and less distraction.

A Remote Worker's Delight: with one key to answer and one to decline calls, VoIP Hot Keys² enable quick meetings. The Service Hot Key lets you connect to Lenovo support services with the click of a button. HARMAN speakers and dual-array mics provide impeccable audio clarity during remote meetings.

Security and Privacy Assured: Smart Power On uses a built-in Touch Fingerprint Reader on the power button to power on and log in securely with your fingerprint. You can also use the IR camera and Windows Hello for Business to sign in to your PC using just your face. ThinkShutter, a physical camera cover, guarantees privacy both during and after meetings.

¹As of February 2020. "Most advanced technology" defined as superior 7nm process technology in a smaller node, 15W typical TDP, RNP-18.
²Requires Skype for Business or Microsoft Teams account, not pre-installed by Lenovo
³Factory calibrated for superior accuracy.

Recommended Accessories

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THINKPAD USB-C DOCK GEN2
PN: 40AS0090US

Enjoy a seamless docking experience with the ThinkPad USB-C Dock. Connect conveniently and securely to external peripherals to expand your devices display and storage capabilities. Transfer speeds of up to 10Gbps help you save time.



THINKBOOK URBAN BACKPACK
PN: 4X40V26080

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



THINKBOOK WIRELESS MEDIA MOUSE
PN: 4Y50V81591

Ergonomic and modern, the mouse is built for performers and multitaskers. A 6-button functionality and dedicated volume +/- buttons let you finish your tasks fast and with ease. Quick DPI adjustment with up to 2400 resolution and 2-level scroll wheel with speed adjustment enable hyper-scrolling and precision. This gives you more control when creating something new.

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Specifications

PERFORMANCE

Processor

Latest generation AMD Ryzen™ mobile processors

Operating System

Windows 10 Pro (64 bit) and Windows 10

Memory

Up to 32GB DDR4

Graphics

Latest generation NVIDIA® GeForce® RTX discrete mobile graphics

Storage

Up to 1TB PCIe SSD

Camera

HD IR camera with ThinkShutter
FHD RGB camera with ThinkShutter

Audio

2 x 2W; Branded speaker

Mics

Dual array mics

Battery

70Whr battery

AC Adapter

Slim, 230W
(supports Rapid Charge Pro)

Security

fTPM (dTPM reserved)
ThinkShutter Camera Cover
Smart Power Button
with Fingerprint Reader
Windows Hello (IR camera)
SecureBIO (MS Level 2 security)

DESIGN

Materials and Finish

Anodized Aluminum dual-tone color on top cover.
Three side metal exterior.
Mylar on B cover

Hinge

180° durable hinge

Color

Mineral Gray

Display

16"2.5K IPS
400nits brightness
100% sRGB color gamut
TÜV Rheinland Eyesafe Display
with X-Rite Pantone color calibration

Keyboard and Touchpad

Full-size backlit keyboard with numpad with full-size cursor keys
Dedicated VoIP Hot Keys¹
and Lenovo Service
Enlarged one-piece touch pad with glass top cover

Weight

< 2kg/4.41lbs.

Dimensions

354.6 x 252 x 19.9mm
13.96 x 9.92 x 0.78 inches

CONNECTIVITY

WLAN

Wi-Fi 6 2x2AX with Bluetooth® 5

Compatible Docking

USB-C Dock
Hybrid USB-C Dock

Input/Output Ports

2 x USB Type-C 3.2 Gen 2
2 x USB 3.2 Gen 1
1 x combo mic/audio
1 x SD card reader (full size)
1 x DC-in

USER EXPERIENCE

Smart Power On
Service Hot Key
VoIP Hot Keys¹
ThinkShutter

PRELOADED SOFTWARE

Lenovo Vantage
McAfee® LiveSafe™ (trial)
Microsoft Office
(trial, except in Japan)

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SERVICES AND SUPPORT:

ALL-ROUND CARE FOR YOUR LENOVO THINKBOOK 16p GEN 2

FLEXIBLE WARRANTY EXTENSIONS AND UPGRADES

Lenovo ThinkBook 16p Gen 2 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

AMD RYZEN

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