

ThinkBook



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Smarter
technology
for all

Lenovo

A HIGH- PERFORMING CREATIVITY TOOL

ENHANCE PRODUCTIVITY
IN STYLE.

Lenovo ThinkBook 16p Gen 2 ACH Datasheet
Version 2.0 | July 2021

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Lenovo ThinkBook 16p Gen 2 ACH

Introducing **Windows 11**, an OS designed for hybrid work. Built on the familiar Windows foundation but reimagined to boost employee productivity and enhance collaboration on the most secure version of Windows yet. It is more productive, more collaborative and consistent for IT, and secure for all.



TUNED TO PERFORM

Maximum Computing: run heavy applications and multitask effectively through the raw power of the latest generation AMD Ryzen™ 5000 H-series 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 with AI image processing, enhancing your workflow. The combination of **NVIDIA® RTX 3060 GPU and DXR support in Windows 11 means creative professionals can now render shadows, reflections, and refractions with an unprecedented level of photorealism.**

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 Web: fast and smooth Wi-Fi 6 capabilities² ensures that meetings are seamless and that downloads and uploads take place quicker, even when multiple devices are connected to the same network.

Convenient for the Creators: a larger glass cover touchpad (120 x 75 mm) gives you 22% more screen space than 15p, allowing you to scroll through and maneuver design software better. The keyboard includes a discrete number pad and full-sized cursor keys that enhance the typing and navigating experience. **Moreover, the Hero Start Screen on Windows 11 offers a centered Start, clean layout, and effortless navigation to improve your focus.**

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¹As of February 2020. "Most advanced technology" defined as superior 7nm process technology in a smaller node, 15W typical TDP. RNP-18

²Hardware dependent

³Factory calibrated for superior accuracy.

⁴Requires Skype for Business or Microsoft Teams account, not pre-installed by Lenovo

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.

Simplify Routine Workflows: with **Microsoft Power Automate on Windows 11**, easily automate workflows across applications with a low-code, guided process and hundreds of pre-built connectors. Connect with multiple apps and data sources, such as Outlook and Excel, to quickly automate tasks. Everyone from business users to professional developers can seamlessly build secure, automated solutions in a single low-code, user-friendly platform.

More Screen to Create On: present your best self 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 of the highest quality. Dolby® Vision™ along with narrow bezels and 93% screen-to-body ratio make for a stunning view with less distraction.

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. AI Meeting Manager makes conferencing intuitive and efficient with real-time translation and transcription from voice to on-screen text. Smart Amplifier provides enhanced audio quality and volume to experience precise sound, reducing the need for external

APT FOR TODAY'S WORKFORCE

Stunning and Portable: distinct, dual-tone Mineral Grey with metal exteriors on three sides makes this laptop stand out. Multiple ports on the side and rear of the device—including dual USB Type-C with data transfer, USB Type-A, DisplayPort, power delivery functionality, and a full-size SD card slot—help you express your ideas better by enabling **effortless connectivity.**²

Uninterrupted Multitasking: with **Windows 11**, you can create a separate desktop for each project or workflow and switch instantly between desktops from your taskbar. **Automatically save, and restore on-screen project layouts when you re-dock**, exactly as you set it, so you can resume working immediately without wasting time configuring the workspace.

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.

 **Windows 11**

Lenovo

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 device's display and storage capabilities. Transfer speeds of up to 10Gbps help you save time, while support for up to two vivid 4K screens or triple 1080p displays lets you multitask conveniently.



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.



PERFORMANCE

Processor

Up to AMD Ryzen™ 9 5900HX mobile processor

Operating System

Up to Windows 11 Pro

Memory

Up to 32GB, DDR4 3200MHz (one soldered + one DIMM)

Graphics

NVIDIA® RTX3060 Laptop GPU with Max-Q design, 6GB GDDR6 VRAM, 1282MHz Boost Clock and 75W Max Graphics Power, Integrated AMD Radeon™ graphics

Storage

Supports dual SSD storage
SSD1: up to 1TB M.2 PCIe
SSD2: up to 1TB M.2 PCIe

Camera

HD & IR camera with ThinkShutter
FHD RGB camera with ThinkShutter
Ambient Light Sensor

Audio

2 x 2W, Harman-branded stereo speaker

Mics

Dual array microphone with AI-based noise cancellation, switchable audio modes

Battery

Up to 6.9 hours¹ (MM18) with 71Whr battery

AC Adapter

230W (supports RapidCharge Pro³)

Security

Windows Hello (IR Camera)
Smart Power On
(Touch Fingerprint Reader integrated with power button)
Kensington™ lock slot
Firmware TPM 2.0
ThinkShutter camera cover

DESIGN

Materials and Finish

Dual-tone anodized Aluminum top cover with diamond cut edges;
Aluminum with single color on keyboard and bottom cover

Color

Mineral Grey

Display

16" (2560 x 1600) IPS, 16:10, 400nits, 100% sRGB, Auto Display Brightness, w/ X-Rite Color Calibration, Dolby® Vision™

Keyboard and Touchpad

Full-size backlit keyboard with numpad with full-size cursor keys
Dedicated VoIP Hot Keys² and Lenovo Service
Enlarged one-piece touch pad with glass cover

Weight

Starts at 1.99kg/4.39lbs.

Dimensions

356 x 252 x 19.5mm
14.01 x 9.92 x 0.76 inches

CONNECTIVITY

WLAN

Wi-Fi 6
Bluetooth® 5.0

Compatible Docking

ThinkPad USB-C Dock
Hybrid USB-C Dock

Input/Output Ports

2 x USB Type-C 3.2 Gen2 (DP + PD)
1 x USB 3.2 Gen2 (with Always On)
1 x USB 3.2 Gen2
1 x combo mic/audio (3.5mm)
1 x full-sized card reader
1 x power connector

USER EXPERIENCE

Smart Power On
Service Hot Key
VoIP Hot Keys²
AI Meeting Manager
Modern Standby
ThinkShutter

PRELOADED SOFTWARE

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

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



Devices preloaded with new Windows 11 will have separate part numbers

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