ENHANCE PRODUCTIVITY IN STYLE.

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

**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.
**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.

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**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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**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.

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**Recommended Accessories**
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

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)

1Requires Skype for Business or Microsoft Teams account, not pre-installed by Lenovo

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