ThinkBook 16p G2 ACH 20YM0048MB

PSREF
Product Specifications Reference

PERFORMANCE

Processor
AMD Ryzen™ 9 5900HX (8C / 16T, 3.3 / 4.6GHz, 4MB L2 / 16MB L3)

Graphics
NVIDIA® GeForce® RTX™ 3060 6GB GDDR6

Chipset
AMD SoC Platform

Memory
16GB Soldered DDR4-3200 + 16GB SO-DIMM DDR4-3200

Memory Slots
One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Max Memory
Up to 32GB (16GB soldered + 16GB SO-DIMM) DDR4-3200 offering

Storage
1TB SSD M.2 2280 PCIe® 3.0x4 NVMe®

Storage Support
Up to two drives, 2x M.2 SSD
• M.2 2280 SSD up to 1TB

Card Reader
4-in-1 Card Reader

Optical
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC3306 codec

Speakers
Stereo speakers, 2W x2, audio by HARMAN

Camera
1080p with Privacy Shutter

Microphone
2x, Array

Battery
Integrated 71Wh

Max Battery Life
MobileMark® 2018: 6.9 hr

Power Adapter
230W Slim Tip (3-pin)

DESIGN

Display
16" WQXGA (2560x1600) IPS 400nits Anti-glare, 100% sRGB, Dolby® Vision™

Touchscreen
None

Color Calibrator
Factory Color Calibration

Keyboard
Backlit, Belgian

Case Color
Mineral Grey

Surface Treatment
Anodizing Sandblasting

Case Material
Aluminium (Top), Aluminium (Bottom)

Dimensions (WxDxH)
356 x 252 x 16.3-19.9 mm (14.02 x 9.92 x 0.64-0.78 inches)

Weight
Starting at 1.99 kg (4.39 lbs)

SOFTWARE

Operating System
Windows® 11 Pro 64, Benelux (EN/FR/DE/NL)

Bundled Software
Office Trial

CONNECTIVITY

Ethernet
None

WLAN + Bluetooth®
Wi-Fi® 6 11ax, 2x2 + BT5.2

Standard Ports
- 1x USB 3.2 Gen 2
- 1x USB 3.2 Gen 2 (Always On)
- 2x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

Docking
Various docking solutions supported via USB-C.
For more compatible docking solutions, please visit Docking for ThinkBook 16p G2 ACH

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0

Fingerprint Reader
Touch Style

Physical Locks
Kensington® Nano Security Slot

Other Security
Camera privacy shutter

SERVICE

Base Warranty
1-year, Depot

Included Upgrade
2Y Courier/Carry-in upgrade from 1Y Courier/Carry-in delivery (5WS0A23781)

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 8.0
- ErP Lot 3
- FSC certified carton
- RoHS compliant

Other Certifications
TÜV Rheinland® Eyesafe® Display

Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	**Announce Date**	: 2021-10-19
EAN / UPC / JAN	: 196119965276	**End of Support**	: 2027-12-21



· Lenovo reserves the right to change specifications or other product information without notice.
· Product image on this page is a sample, it may not match the real color of this model
· Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

Premier Support - **A direct 24x7x365 line to our most elite technicians.**

- Advanced technical support, 24x7x365, in more than 100 markets
- Technical Account Managers for proactive relationship and escalation management
- Comprehensive hardware & OEM software support
- Priority on service delivery and repair parts
- Single point of contact for simplified end-to-end case management
- Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - **Protection of your PC from the unexpected.**

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - **Included with the systems you purchase, default 1- or 3-year coverage window.**

Warranty Extensions & Upgrades - **Service and protection that's right for your circumstances.**

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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Recommended Accessories



ThinkPad Hybrid USB-C with USB-A Dock (American Standard Plug Type B)

40AF0135US

The ThinkPad Hybrid USB-C with USB-A Dock expands the capabilities of most any laptop, new or old, making it perfect for enterprise customers with mixed-PC or shared-desk environments. Featuring enterprise-class manag...

Recommended Services

BEST	5Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86752)
BETTER	4Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86619)
GOOD	3Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86701)

For a full list of accessories and services, please visit:
https://smartfind.Lenovo.com

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Product Specifications Reference