

ThinkBook 16p G2 ACH 20YM002TPB

PSREF Product Specifications Reference

PERFORMANCE

Processor

AMD Ryzen™ 7 5800H (8C / 16T, 3.2 / 4.4GHz, 4MB L2 / 16MB L3)

Graphics

NVIDIA® GeForce® RTX™ 3060 6GB GDDR6

Chipset

AMD SoC Platform

Memory

8GB Soldered DDR4-3200 + 8GB SO-DIMM DDR4-3200

Memory Slots

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

Max Memory

Up to 24GB (8GB 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, Harman Speakers

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, English

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, Polish

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 [a href="https://smartfind.lenovo.com/accessories/#/search?categoryL1Name=Do](https://smartfind.lenovo.com/accessories/#/search?categoryL1Name=Do) 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

None

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 : 2021-10-05

EAN / UPC / JAN : 196118264523

End of Support : 2027-12-21



AMD

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 USB-C Dock Gen 2

40AS0090US

- Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C dock is compatible with Lenovo notebooks as well as note...

Recommended Services

BEST	5Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36181)
BETTER	4Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36121)
GOOD	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36151)

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

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