ThinkBook 16 G7 QOY 21NH000FCK

Lenovo **Product Specifications**

PERFORMANCE

Processor

Snapdragon® X Plus X1P-42-100, 8C, Max Turbo up to 3.4GHz (single-core) / 3.2GHz (8-core), 30MB

Al PC Category

Copilot+ PC

Integrated Qualcomm® Hexagon™ NPU, up to 45 TOPS

Graphics

Integrated Qualcomm® Adreno™ GPU

Chipset

Qualcomm® SoC Platform

Memory

32GB Soldered LPDDR5x-8448

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Max Memory

32GB soldered memory, not upgradable

Storage

1TB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Storage Support[1]

One drive, up to 1TB M.2 2242 SSD

Storage Slot

One M.2 2242 PCIe® 4.0 x4 slot

Card Reader

SD Card Reader

Optical None

Audio Chip

High Definition (HD) Audio, Qualcomm® WCD9385 codec

Speakers

Stereo speakers (super linear speakers), 2W x2, Dolby Atmos®

FHD 1080p with Privacy Shutter

Microphone

2x. Array

Battery

Integrated 84Wh

Power Adapter

65W USB-C® (3-pin)

DESIGN

Display^[2]

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC. 60Hz

Touchscreen

None

Color Calibration

None

Kevboard

Backlit, Czech / Slovak

Touchpad

Buttonless glass surface multi-touch touchpad, supports Precision TouchPad (PTP), 80 x 135 mm (3.15 x 5.31 inches)

Case Color

Luna Grey

Surface Treatment

Anodizing Sandblasting

Case Material

Aluminium (Top), Aluminium (Bottom)

Pen

Pen Not Supported

Dimensions (WxDxH)[3]

356.4 x 248.4 x 16.7 mm (14.03 x 9.78 x 0.66 inches)

Weight^[4]

Starting at 1.82 kg (4.02 lbs)

SOFTWARE

Operating System

Windows® 11 Pro (on ARM), Czech / Slovak / English

Bundled Software

Office Trial

CONNECTIVITY

Ethernet^[5]

No Onboard Ethernet

WLAN + Bluetooth®[6]

Wi-Fi® 7. 802.11be 2x2 + BT5.3

WWAN

Non-WWAN

Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On
- 2x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort™ 1.4
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD card reader

SECURITY & PRIVACY

Security Chip

Microsoft® Pluton TPM 2.0 Enabled

Fingerprint Reader

Touch Style, Match-on-Chip, Integrated in Power Button

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Other Security

Camera privacy shutter

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

3Y Onsite upgrade from 1Y Courier/Carry-in Windchill (CPN)

ACCESSORIES

Bundled Accessories[7]

None

CERTIFICATIONS

Green Certifications[8]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- FrP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

MIL-STD-810H military test passed

MODEL

TopSeller : Yes : 2024-08-29 **Announce Date** EAN / UPC / JAN : 198154329310 **End of Support** : 2031-03-30

Copilot+PC



Product image is a sample, it may not match the real color of this model

Note:

[1] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA,

- [3] The system dimensions may vary depending on.....
- · Lenovo reserves the right to change specifications without notice.

To see more note information, please link to https://psref.lenovo.com/Detail/2519?M=21NH000FCK

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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

Recommended Accessories



Lenovo 65W USB-C DC Travel Adapter

40AK0065WW

Power up and stay productive on the road with this DC Travel adapter. Lenovo 65W USB-C DC Travel Adapter is the universal DC adapter, providing 65W power via USB-C for outdoor use.



Lenovo 65W USB-C GaN Adapter

40AWGC65WV

The Lenovo 65W USB-C GaN Adapter ushers in a new age of safe, efficient portable charging. Powered by Gallium Nitride (GaN), this charger is up to 55% smaller, 60% lighter, 30% more power-efficient. With PD 3.0 certif...

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

