# ThinkBook 16 G7 QOY 21NH0000SP

## PERFORMANCE

Processor

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

AI PC Category<sup>[1]</sup> Copilot+ PC NPU

Integrated Qualcomm<sup>®</sup> Hexagon<sup>™</sup> NPU, up to 45 TOPS Graphics

Integrated Qualcomm<sup>®</sup> Adreno<sup>™</sup> GPU Chipset

Qualcomm<sup>®</sup> SoC Platform Memory

16GB Soldered LPDDR5x-8448

Memory Slots Memory soldered to systemboard, no slots, dual-channel

Max Memory 16GB soldered memory, not upgradable

Storage 512GB SSD M.2 2242 PCIe® 4.0x4 NVMe®

Max Storage Support<sup>[2]</sup> 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®

Camera FHD 1080p with Privacy Shutter

Microphone

2x. Arrav

Batterv 84Wh

Power Adapter 65W USB-C® (3-pin)

# DESIGN

## Display<sup>[3]</sup>

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

#### Touchscreen

None

**Color Calibration** None

Kevboard Backlit, Spanish

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

Case Color Luna Grev

Surface Treatment Anodizing Sandblasting

Case Material Aluminium (Top), Aluminium (Bottom)

Pen Pen Not Supported

Dimensions (WxDxH)<sup>[4]</sup> 356.4 x 248.4 x 16.7 mm (14.03 x 9.78 x 0.66 inches)

Weight<sup>[5]</sup> Starting at 1.82 kg (4.02 lbs)

## SOFTWARE

**Operating System** Windows® 11 Pro (on ARM), Spanish

Bundled Software Office Trial

# CONNECTIVITY

WLAN + Bluetooth®<sup>[6]</sup> Wi-Fi<sup>®</sup> 7, 802.11be 2x2 + BT5.3

WWAN

Non-WWAN

### Ethernet<sup>[7]</sup>

No Onboard Ethernet

#### Standard Ports

- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one Always On
- 2x USB-C<sup>®</sup> (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.1 and DisplayPort<sup>™</sup> 1.4
- 1x HDMI<sup>®</sup> 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<sup>®</sup> Nano Security Slot<sup>™</sup>, 2.5 x 6 mm

Other Security Camera privacy shutter

## SERVICE

**Base Warrantv** 1-year, Courier or Carry-in

#### Included Upgrade

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

## ACCESSORIES

#### Bundled Accessories

None

## CERTIFICATIONS

#### Green Certifications<sup>[8]</sup>

- ENERGY STAR<sup>®</sup> 9.0
- EPEAT<sup>™</sup> Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified 9.0

#### Other Certifications

TÜV Rheinland® Low Blue Light (Software Solution)

#### Mil-Spec Test

MIL-STD-810H military test passed

## MODEL

TopSeller	: Yes	Announce Date	: 2024-08-29
EAN / UPC / JAN	: 198154015862	End of Support	: 2031-03-30

Product image is a sample, it may not match the real color of this model · Lenovo reserves the right to change specifications without notice. To see more note information, please access the web page.

Reference



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



Advanced technical support, 24x7x365, in more than 100 markets



Comprehensive hardware & OEM software support



Single point of contact for simplified end-to-end case management



Technical Account Managers for proactive relationship and escalation management

Priority on service delivery and repair parts



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

Technician Installed Customer

Onsite Support

- 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



# ThinkPad Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

# **Recommended Services**

BETTER	3Y Lenovo Support (Premier Support + Keep Your Drive + International Upg) (5PS0N73142)
GOOD	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0T36188)

Please click here to view the full list of accessories.

