

# ThinkBook 16 G7 QOY

## PSREF Product Specifications Reference

### PERFORMANCE

#### Processor<sup>[1]</sup>

Snapdragon® X X1-26-100, 8C, Max Turbo up to 3.0GHz, 30MB

#### AI PC Category<sup>[2]</sup>

Copilot+ PC

#### NPU

Integrated Qualcomm® Hexagon™ NPU, up to 45 TOPS

#### Graphics

Integrated Qualcomm® Adreno™ GPU

#### Chipset

Qualcomm® 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®

#### Storage Support<sup>[3]</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, Array

#### Battery

84Wh

#### Power Adapter

65W USB-C® (3-pin)

### DESIGN

#### Display<sup>[4]</sup>

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

#### Touchscreen

None

#### Color Calibration

None

#### Keyboard

Backlit, English

#### 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)<sup>[5]</sup>

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

#### Weight<sup>[6]</sup>

Starting at 1.82 kg (4.02 lbs)

### SOFTWARE

#### Operating System

Windows® 11 Pro (on ARM), English

#### Bundled Software

Office Trial

### CONNECTIVITY

#### WLAN + Bluetooth<sup>[7]</sup>

Wi-Fi® 7, 802.11be 2x2 + BT5.3

#### WWAN

Non-WWAN

#### Ethernet<sup>[8]</sup>

No Onboard Ethernet

#### 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

1Y Onsite upgrade from 1Y Courier/Carry-in

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications<sup>[9]</sup>

- ENERGY STAR® 9.0
- EPEAT™ 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** : 2025-03-09

**EAN / UPC / JAN** : 198157631144 **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] Single-Core speeds up to 2.976 GHz / Multi-Core speeds up to 2.956 Ghz

[2] Copilot+ PCs have at least 16GB RAM, 256GB storage, and.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2519?M=21NH0033AU>

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

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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.

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- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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## Recommended Accessories

### ThinkPad Universal USB-C Dock

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

BEST	3Y Premier Support Plus upgrade from 1Y Onsite (5WS1L42349)
BETTER	3Y Premier Support Upgrade from 1Y Onsite (5WS0T36120)
GOOD	3Y Onsite upgrade from 1Y Onsite (5WSOK27114)

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

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