

ThinkBook 16 G7 QOY

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
- 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^[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®
- Camera
- 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
- Keyboard
- Backlit, French
- 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), French
- 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
- 2Y Depot Upgrade From 1Y Depot WHB(CPN), CO2 Offset 0.5 ton (2nd Gen) TP WHB (CPN)

ACCESSORIES

- Bundled Accessories^[7]
- None

CERTIFICATIONS

- Green Certifications^[8]
- ENERGY STAR® 8.0
 - 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	: 2024-08-29
EAN / UPC / JAN	: 198154019655	End of Support	: 2031-03-30

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,.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2519?M=21NH000BFR>

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

Lenovo 65W USB-C DC Travel Adapter

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.

Recommended Services

BEST	4Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86619)
BETTER	3Y Premier Support upgrade from 2Y Depot/CCI (5WS0W86701)
GOOD	3Y Onsite upgrade from 2Y Depot/CCI (5WS0W86640)

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

PSREF
Product Specifications
Reference