ThinkPad T16 Gen 4 (AMD) 21QN0023BM

PSREF
Product Specifications Reference

PERFORMANCE

Processor
AMD Ryzen™ AI 5 PRO 340 (6C / 12T, 2.0 /4.8GHz, 6MB L2 / 16MB L3)

AI PC Category[1]
Copilot+ PC

NPU
Integrated AMD Ryzen™ AI, up to 50 TOPS

Graphics
Integrated AMD Radeon™ 840M Graphics

Chipset
AMD SoC Platform

Memory
2x 16GB SO-DIMM DDR5-5600

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory
Up to 64GB DDR5-5600

Storage
1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Slot
One M.2 2280 PCIe® 4.0 x4 slot

Max Storage Support[2]
One drive, up to 2TB M.2 2280 SSD

Optical
None

Card Reader
None

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, Dolby Audio™

Microphone
2x, 360°

Camera
5.0MP + IR Discrete with Privacy Shutter

Battery
52.5Wh

Power Adapter
65W USB-C® (3-pin)

DESIGN

Display[3]
16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC

Touchscreen
None

Screen-to-Body Ratio
87.22%

Pen
Pen Not Supported

Keyboard
Backlit, Bulgarian

Dimensions (WxDxH)[4]
359.7 x 250.8 x 11.8/18.14 (front/rear), 23.65 (maximum) mm; 14.16 x 9.87 x 0.46/0.71 (front/rear), 0.93 (maximum) inches

Weight[5]
Starting at 1.76 kg (3.89 lbs)

Case Color
Black

Case Material
PC + 20% CF (Top), PC + 20% CF (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, English (US) / English (UK)

Bundled Software
Lenovo® AI Now

CONNECTIVITY

WLAN + Bluetooth®[6]
MediaTek Wi-Fi® 7 MT7925, 802.11be 2x2 + BT5.4

WWAN
WWAN Upgradable to 4G

SIM Card
None

Ethernet
100/1000M (RJ-45)

NFC
None

Standard Ports
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)

Optional Ports (configured)
- 1x Smart Card Reader
- 1x Nano-SIM Card Slot

Docking
Various docking solutions supported via Thunderbolt™ / USB-C®.
For more compatible docking solutions, please visit Docking for ThinkPad® T16 Gen 4 (AMD)

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0 Enabled

Physical Locks
Kensington® Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader
Smart Card Reader

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

Other Security
- Camera privacy shutter (camera models)
- Ultrasonic Human Presence Detection
- IR camera for Windows® Hello (facial recognition)
- ThinkShield

MANAGEABILITY

System Management
DASH

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
3Y Premier Support HB (CPN)

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications
- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- RoHS compliant
- TCO Certified, generation 10

Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	**Announce Date**	: 2025-04-22
EAN / UPC / JAN	: 0198157821590	**End of Support**	: 2031-11-22

Note:
[1] 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 access the web page.

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 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

BEST	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39023)
BETTER	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)
GOOD	3Y Sealed Battery Add On (5WS0A23013)

Please click here to view the full list of accessories.

Lenovo PSREF Product Specifications Reference