

ThinkPad T16 Gen 2 (AMD) 21K7005APH

PERFORMANCE

Processor
AMD Ryzen™ 7 PRO 7840U (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)
AI PC Category ^[1]
AI PC
NPU
Integrated AMD Ryzen™ AI, up to 10 TOPS
Graphics
Integrated AMD Radeon™ 780M Graphics
Chipset
AMD SoC Platform
Memory ^[2]
32GB Soldered LPDDR5x-6400
Memory Slots
Memory soldered to systemboard, no slots, dual-channel
Max Memory
32GB soldered memory, not upgradable
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 ^[3]
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
HD 720p with Privacy Shutter
Battery
52.5Wh
Power Adapter
65W USB-C® (3-pin)
DESIGN
Display ^[4]
16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC
Touchscreen
None
Pen
Pen Not Supported

Keyboard
Backlit, English
Dimensions (WxDxH) ^[5]
361.9 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)
Weight ^[6]
Starting at 1.71 kg (3.76 lbs)
Case Color
Thunder Black
Case Material
Carbon Fiber Hybrid (Top), PPS (Bottom)
SOFTWARE
Operating System
Windows® 11 Pro, English
Bundled Software
None
CONNECTIVITY
WLAN + Bluetooth®
Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 + BT5.3
WWAN
Non-WWAN
SIM Card
None
Ethernet
100/1000M (RJ-45)
NFC
None
Standard Ports
1x USB 3.2 Gen 1 1x USB 3.2 Gen 1 (Always On) 1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a) 1x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a) 1x HDMI® 2.1, up to 4K/60Hz 1x Headphone / microphone combo jack (3.5mm) 1x Ethernet (RJ-45)
Optional Ports (configured)
None
Docking
Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad® T16 Gen 2 (AMD)
SECURITY & PRIVACY
Security Chip
Discrete TPM 2.0 Enabled

Physical Locks
Kensington® Nano Security Slot™, 2.5 x 6 mm
Smart Card Reader
None
Fingerprint Reader
Touch Style, Match-on-Chip, Integrated in Power Button
Other Security
- Camera privacy shutter (camera models) - ThinkShield - Glance by Mirametrix®

MANAGEABILITY

System Management
DASH
SERVICE
Base Warranty
1-year, Courier or Carry-in
Included Upgrade
3Y Premier Support Upgrade from 1Y Courier/Carry-in

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications ^[7]
- ENERGY STAR® 9.0 - EPEAT™ Gold Registered - ErP Lot 6/26 - RoHS compliant - TCO Certified 9.0
Mil-Spec Test
MIL-STD-810H military test passed

MODEL

TopSeller	: Yes	Announce Date	: 2024-05-26
EAN / UPC / JAN	: 198154347802	End of Support	: 2030-02-11

Note:

[1] AI PCs have a NPU capable of 10+ TOPs to run the Copilot assistant by pressing the optional Microsoft Copilot key or using Win + C.

[2] Installed memory is actually LPDDR5x-7500 but runs as LPDDR5x-6400 due to platform limitation.

[3] The storage capacity supported is based on the test.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please access the [web page](#).

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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.

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- Onsite Support
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- Replaceable Unit Service
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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	4Y Premier Support Plus upgrade from 3Y Premier Support CPN (5WS1L39249)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39023)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86726)

Please click [here](#) to view the full list of accessories.



PSREF
Product Specifications
Reference