

ThinkPad T16 Gen 2 (AMD) 21K7005XRA

PERFORMANCE

Processor	AMD Ryzen™ 5 PRO 7545U (6C / 12T, 3.2 / 4.9GHz, 6MB L2 / 16MB L3)
AI PC Category	Non-AI PC
NPU	None
Graphics	Integrated AMD Radeon™ 740M Graphics
Chipset	AMD SoC Platform
Memory^[1]	16GB Soldered LPDDR5x-6400
Memory Slots	Memory soldered to systemboard, no slots, dual-channel
Max Memory	16GB soldered memory, not upgradable
Storage	512GB 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 300nits Anti-glare, 45% NTSC
Touchscreen	None
Pen	Pen Not Supported

Keyboard	Backlit, Ukrainian
Dimensions (WxDxH)^[4]	361.9 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)
Weight^[5]	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, Ukrainian / Russian / English
Bundled Software	None
CONNECTIVITY	
WLAN + Bluetooth®	MediaTek Wi-Fi® 6E RZ616, 802.11ax 2x2 + BT5.3
WWAN	WWAN Upgradable to 4G
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)	1x Smart Card Reader 1x Nano-SIM Card Slot
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	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 models) - IR camera for Windows® Hello (facial recognition) - ThinkShield - Glance by Mirametrix®

MANAGEABILITY

System Management	DASH
SERVICE	
Base Warranty	3-year, Courier or Carry-in
Included Upgrade	3Y Premier Support HB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

ACCESSORIES

Bundled Accessories	None
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CERTIFICATIONS

Green Certifications^[6]	- 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	: 2024-07-06
EAN / UPC / JAN	: 0198154710064	End of Support	: 2030-02-11

Note:
^[1] Installed memory is actually LPDDR5x-7500 but runs as.....
· 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.



PSREF
Product Specifications
Reference