# ThinkPad T16 Gen 2 (AMD) 21K7000VRT

Lenovo PSREF Product Specifications Reference

## 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]
16GB Soldered LPDDR5x-6400

**Memory Slots**
Memory soldered to systemboard, no slots, dual-channel

**Max Memory**
16GB soldered memory, not upgradable

**Storage**
1TB SSD M.2 2280 PCIe® 4.0x4 Performance 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**
5.0MP + IR Discrete with Privacy Shutter

**Battery**
86Wh

**Power Adapter**
65W USB-C® (3-pin)

## DESIGN

**Display**[4]
16" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, Low Power

**Touchscreen**
None

**Pen**
Pen Not Supported

**Keyboard**
Backlit, Russian

**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 1.83 kg (4.02 lbs)

**Case Color**
Thunder Black

**Case Material**
Carbon Fiber Hybrid (Top), PPS (Bottom)

## SOFTWARE

**Operating System**
Windows® 11 Pro, Russian

**Bundled Software**
None

## CONNECTIVITY

**WLAN + Bluetooth®**
Qualcomm® Wi-Fi® 6E NFA725A, 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**
Microsoft® Pluton 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)

## 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

**Other Certifications**
Eyesafe® Certified 2.0

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **Announce Date** | : 2023-07-11 |
| **EAN / UPC / JAN** | : 0197528302195 | **End of Support** | : 2030-02-11 |

· 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 | 4Y Premier Support upgrade from 3Y Premier Support (5WS0W86726) |

Please click here to view the full list of accessories.

Lenovo **PSREF** Product Specifications Reference