

# ThinkPad T16 Gen 2 (AMD) 21K70008CA

Lenovo

**PSREF**  
Product Specifications  
Reference

## PERFORMANCE

### Processor

AMD Ryzen™ 7 PRO 7840U (8C / 16T, 3.3 / 5.1GHz, 8MB L2 / 16MB L3)

### Graphics

Integrated AMD Radeon™ 780M Graphics

### Chipset

AMD SoC Platform

### Memory

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 Performance NVMe® Opal 2.0

### Storage Support<sup>(9)</sup>

One drive, up to 2TB M.2 2280 SSD

### Storage Slot

One M.2 2280 PCIe 4.0 x4 slot

### Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

### Speakers

Stereo speakers, 2W x2, Dolby® Audio™

### Camera

5.0MP + IR Discrete with Privacy Shutter

### Microphone

2x, 360°

### Battery

Integrated 52.5Wh

### Power Adapter

65W USB-C® (2-pin)

## DESIGN

### Display<sup>(9)(10)</sup>

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC, Touch

### Touchscreen

On-cell, 10-point Multi-touch

### Keyboard

Backlit, French

### Case Color

Thunder Black

### Case Material

Carbon Fiber Hybrid (Top), PPS (Bottom)

### Dimensions (WxDxH)<sup>(11)</sup>

361.9 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)

### Weight<sup>(12)</sup>

Starting at 1.70 kg (3.76 lbs)

## SOFTWARE

### Operating System

Windows® 11 Pro, French

## CONNECTIVITY

### Ethernet

100/1000M (RJ-45)

### WLAN + Bluetooth<sup>(13)(14)(15)</sup>

Qualcomm® Wi-Fi® 6E NFA725A, 11ax 2x2 + BT5.1

### 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 Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

### 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

### 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
- IR camera for Windows® Hello
- Glance by Mirametrix®
- Ultrasonic Human Presence Detection (IR camera models)

## MANAGEABILITY

### System Management

DASH

## SERVICE

### Base Warranty

3-year, Courier or Carry-in

## CERTIFICATIONS

### Green Certifications<sup>(16)(17)</sup>

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 6/26
- TCO Certified 9.0
- RoHS compliant

### Mil-Spec Test

MIL-STD-810H military test passed

## MODEL

TopSeller : Yes

Announce Date : 2023-07-11

EAN / UPC / JAN : 197528125619

End of Support : 2030-02-11



AMD

To see more note information, please link to  
[https://psref.lenovo.com/Detail/ThinkPad\\_T16\\_Gen\\_2\\_AMD?M=21K70008CA](https://psref.lenovo.com/Detail/ThinkPad_T16_Gen_2_AMD?M=21K70008CA)

- Lenovo reserves the right to change specifications or other product information without notice.
- Product image on this page is a sample, it may not match the real color of this model
- Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences

## 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 USB-C Dock Gen 2

40AS0090US

- Lenovo understands that modern business depends on a wide variety of PC's and even brands to meet their business needs. To make this easier Lenovo USB-C dock is compatible with Lenovo notebooks as well as note...

## Recommended Services

BEST	3Y Premier Support Plus upgrade from 3Y Courier/Carry-in (5WS1L39101)
BETTER	3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0T36152)
GOOD	3Y Onsite upgrade from 3Y Courier/Carry-in (5WS0A23006)

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

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