

# ThinkPad Z16 Gen 1 21D4002CMZ

## PSREF

Product Specifications  
Reference

### PERFORMANCE

#### Processor

AMD Ryzen™ 7 PRO 6850H (8C / 16T, 3.2 / 4.7GHz, 4MB L2 / 16MB L3)

#### Graphics

Integrated AMD Radeon™ 680M Graphics

#### Chipset

AMD SoC Platform

#### Memory

16GB Soldered LPDDR5-6400

#### 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® Opal2

#### Storage Support

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

#### Storage Slot

One M.2 2280 PCIe Gen 4x4 slot, supports M.2 2280 SSD

#### Card Reader

SD Card Reader

#### Optical

None

#### Audio Chip

High Definition (HD) Audio, Realtek® ALC3306 codec

#### Speakers

Stereo speakers, 2W x2, Dolby® Atmos®

#### Camera

IR & FHD 1080p Hybrid with E-camera Shutter

#### Microphone

2x, 360°

#### Battery

Integrated 72Wh

#### Power Adapter

135W USB-C® Slim (3-pin)

### DESIGN

#### Display

16" WUXGA (1920x1200) Low Power IPS 400nits Anti-glare

#### Touchscreen

None

#### Keyboard

Backlit, Swiss

#### Case Color

Arctic Grey (Top), Black (Bottom)

#### Case Material

Aluminium (Top), Aluminium (Bottom)

#### Pen

Pen Upgradable

#### Dimensions (WxDxH)

354.4 x 237.4 x 15.8 mm (13.95 x 9.35 x 0.62 inches)

#### Weight

Starting at 1.81 kg (3.99 lbs)

### SOFTWARE

#### Operating System

Windows® 11 Pro 64, WE (EN/FR/DE/NL/IT)

#### Bundled Software

None

### CONNECTIVITY

#### Ethernet

None

#### WLAN + Bluetooth®

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

#### WWAN

None

#### SIM Card

None

#### NFC

None

#### Standard Ports

- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
- 2x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4a)
- 1x SD card reader
- 1x Headphone / microphone combo jack (3.5mm)

#### Optional Ports (configured)

None

#### Docking

Various docking solutions supported via USB-C.

For more compatible docking solutions, please visit [Docking for ThinkPad® Z16 Gen 1](#)

#### Monitor Cable

None

### SECURITY & PRIVACY

#### Smart Card Reader

None

#### Security Chip

Discrete TPM 2.0, Microsoft® Pluton TPM 2.0

#### Fingerprint Reader

Touch Style, Match-on-Chip

#### Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

#### Other Security

- E-Camera shutter
- IR camera for Windows® Hello
- Glance by Mirametrix®

### MANAGEABILITY

#### System Management

DASH

### SERVICE

#### Base Warranty

3-year, Courier or Carry-in

#### Included Upgrade

3Y Premier Support Upgrade from 3Y Courier/Carry-in (5WS0T36160), CO2 Offset 1.5 ton (5WSOZ74928)

### ACCESSORIES

#### Bundled Accessories

None

### CERTIFICATIONS

#### Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- ErP Lot 3
- TCO Certified 9.0
- RoHS compliant

#### Other Certifications

TÜV Rheinland® Low Blue Light

#### Mil-Spec Test

MIL-STD-810H military test passed

### MODEL

TopSeller : Yes

Announce Date : 2022-06-07

EAN / UPC / JAN : 0196801790513

End of Support : N/A

· 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

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

## Recommended Accessories

### ThinkPad Professional 15.6-inch Backpack

4X40Q26383

The Lenovo ThinkPad Professional Backpack is a streamlined yet versatile backpack for the on-the-go professional. This clean, modern design carries, protects, and organizes your mobile office, while premium, lightweight...

## Recommended Services

BEST	5Y Premier Support upgrade from 3Y Premier Support (5WS0W86745)
BETTER	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86716)

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

## PSREF

Product Specifications  
Reference