

ThinkPad Z16 Gen 2

PSREF

Product Specifications
Reference

PERFORMANCE

- Processor**
AMD Ryzen™ 9 PRO 7940HS (8C / 16T, 4.0 / 5.2GHz, 8MB L2 / 16MB L3)
- AI PC Category**
AI PC
- NPU**
Integrated AMD Ryzen™ AI, up to 10 TOPS
- Graphics**
AMD Radeon™ RX 6550M 4GB GDDR6
- Chipset**
AMD SoC Platform
- Memory^[1]**
64GB Soldered LPDDR5x-6400
- Memory Slots**
Memory soldered to systemboard, no slots, dual-channel
- Max Memory**
64GB soldered memory, not upgradable
- Storage**
1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0
- Storage Support^[2]**
One drive, up to 2TB M.2 2280 SSD
- Storage Slot**
One M.2 2280 PCIe® 4.0 x4 slot
- Card Reader**
SD Card Reader
- Optical**
None
- Audio Chip**
High Definition (HD) Audio, Realtek® ALC3306 codec
- Speakers**
Stereo speakers, 2W x2, Dolby Atmos®
- Camera**
FHD 1080p + IR Discrete with E-shutter
- Microphone**
2x, 360°
- Battery**
Integrated 72Wh
- Power Adapter**
135W USB-C® Slim (3-pin)

DESIGN

- Display**
16" WQUXGA (3840x2400) OLED 400nits Anti-reflection / Anti-smudge, 100% DCI-P3, Dolby Vision®, Touch
- Touchscreen**
OGS, 10-point Multi-touch

- Keyboard**
Backlit, English (EU)
- Case Color**
Arctic Grey (Top), Black (Bottom)
- Case Material**
Aluminium (Top), Aluminium (Bottom)
- Pen**
Pen Upgradable (Purchase Separately)
- Dimensions (WxDxH)^[3]**
354.4 x 237.4 x 15.8 mm (13.95 x 9.35 x 0.62 inches)
- Weight^[4]**
Starting at 1.81 kg (3.99 lbs)

SOFTWARE

- Operating System**
Windows® 11 Pro, Polish / English
- Bundled Software**
None

CONNECTIVITY

- Ethernet^[5]**
No Onboard Ethernet
- WLAN + Bluetooth^[6]**
MediaTek Wi-Fi® 6E RZ616, 802.11ax 2x2 + BT5.3
- WWAN**
Non-WWAN
- 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 Headphone / microphone combo jack (3.5mm)
 - 1x SD card reader

- Optional Ports (configured)**
None

- Docking**
Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® Z16 Gen 2](#)

SECURITY & PRIVACY

- Smart Card Reader**
None
- Security Chip**
Discrete TPM 2.0 Enabled

- Fingerprint Reader**
Touch Style, Match-on-Chip, in Keyboard Key
- Physical Locks**
Kensington® Nano Security Slot™, 2.5 x 6 mm
- Other Security**
- E-shutter
 - Glance by Mirametrix®
 - IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

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

ACCESSORIES

- Bundled Accessories^[7]**
None

CERTIFICATIONS

- Green Certifications^[8]**
- ENERGY STAR® 8.0
 - EPEAT™ Gold Registered
 - ErP Lot 6/26
 - RoHS compliant
 - TCO Certified 9.0
- Other Certifications**
TÜV Rheinland® Low Blue Light (Hardware Solution)
- Mil-Spec Test**
MIL-STD-810H military test passed

MODEL

- | | | | |
|------------------------|-----------------|-----------------------|--------------|
| TopSeller | : Yes | Announce Date | : 2023-11-02 |
| EAN / UPC / JAN | : 0197528187976 | End of Support | : 2030-02-20 |

Note:

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

[2] The storage capacity supported is based on the test results with current Lenovo storage offerings.

[3] The system dimensions may vary depending on configurations.

[4] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2350?M=21JX000TPB>

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

- 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 Premier Support (5WS1L39253)
BETTER	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)
GOOD	3Y Lenovo Support (KYD + SBTY + International Upg) (5PS1D67026)

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

PSREF
Product Specifications
Reference