

# ThinkPad Z16 Gen 1

## 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	32GB Soldered LPDDR5-6400
Memory Slots	Memory soldered to systemboard, no slots, dual-channel
Max Memory	32GB soldered memory, not upgradable
Storage	1TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0
Storage Support <sup>[1]</sup>	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 Hybrid with E-shutter
Microphone	2x, 360°
Battery	Integrated 72Wh
Power Adapter	135W USB-C® Slim (3-pin)

## DESIGN

Display <sup>[2]</sup>	16" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, Low Power
Touchscreen	None
Keyboard	Backlit, English
Case Color	Arctic Grey (Top), Black (Bottom)

Case Material	Aluminium (Top), Aluminium (Bottom)
Pen	No Support
Dimensions (WxDxH) <sup>[3]</sup>	354.4 x 237.4 x 15.8 mm (13.95 x 9.35 x 0.62 inches)
Weight <sup>[4]</sup>	Starting at 1.83 kg (4.04 lbs)

## SOFTWARE

Operating System	Windows® 11 Pro, English
Bundled Software	None

## CONNECTIVITY

Ethernet <sup>[5]</sup>	No Onboard Ethernet
WLAN + Bluetooth <sup>[6][7]</sup>	Qualcomm® Wi-Fi® 6E NFA725A, 802.11ax 2x2 + BT5.1
WWAN	None
SIM Card	None
NFC	None
Standard Ports	<ul style="list-style-type: none"><li>1x USB-C® 3.2 Gen 2 (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)</li><li>2x USB4® 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)</li><li>1x Headphone / microphone combo jack (3.5mm)</li><li>1x SD card reader</li></ul>
Optional Ports (configured)	None
Docking	Various docking solutions supported via USB-C®. For more compatible docking solutions, please visit <a href="#">Docking for ThinkPad® Z16 Gen 1</a>

## 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	<ul style="list-style-type: none"><li>IR camera for Windows® Hello (facial recognition)</li><li>E-shutter</li><li>Glance by Mirametrix®</li></ul>
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## MANAGEABILITY

System Management	DASH
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## SERVICE

Base Warranty	1-year, Courier or Carry-in
Included Upgrade	3Y Premier Support Upgrade from 1Y Courier/Carry-in

## ACCESSORIES

Bundled Accessories <sup>[8]</sup>	None
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## CERTIFICATIONS

Green Certifications <sup>[9]</sup>	<ul style="list-style-type: none"><li>ENERGY STAR® 8.0</li><li>EPEAT™ Gold Registered</li><li>ErP Lot 3</li><li>RoHS compliant</li><li>TCO Certified 9.0</li></ul>
Other Certifications	TÜV Rheinland® Low Blue Light (Hardware Solution)
Mil-Spec Test	MIL-STD-810H military test passed

## MODEL

TopSeller	: Yes	Announce Date	: 2023-07-11
EAN / UPC / JAN	: 197532068384	End of Support	: 2028-12-17

Note:

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

[2] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

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

[4] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[5] Ethernet support via optional Lenovo USB-C to Ethernet Adapter.

[6] Bluetooth may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[7] Wi-Fi 6E full features might be limited by country-level.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2021?M=21D4003NMY>

## 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

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	4Y Premier Support Plus upgrade from 3Y Premier Support CPN (5WS1L39208)
BETTER	3Y Premier Support Plus upgrade from 3Y Premier Support (5WS1L39253)
GOOD	4Y Premier Support upgrade from 3Y Premier Support (5WS0W86716)

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

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Product Specifications  
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