

ThinkPad Z16 Gen 1

Business professionals who are always on the move can benefit from the laptop powered with up to AMD Ryzen 9 Pro Processor. Support of Qualcomm Wi-Fi 6E ensures faster connection speeds even in network-congested environments. While a battery life of up to 20.5 hours enables the users to work for long, without any hassle. FHD IR camera helps to instantly log in with just a simple glance and brings in the convenient and sharpest video call experience.



Built for business with cutting-edge technology

The ThinkPad Z Series is an ultraportable workstation; thin and light, yet packed with professional graphics, processing and storage as well as latest collaboration features for financial services specialists.

Graphic designers and animators will appreciate the 16" screen with up to WQUXGA resolution that renders high-quality visuals in a small form factor. The TUV-certified display with a 100% color gamut provides comfort and accuracy for accountants working on detailed spreadsheets.

Up to 32GB LPDDR5 memory and up to 2TB SSD storage help users store memory-intensive datasheets and enable multitasking on heavy applications.

The 2W dual Dolby Atmos speakers with dual array microphones and FHD 1080p web camera render crystal clear audio-visuals - perfect for large meeting rooms or conferences. Plus, the e-shutter with fixed focus offers optimum privacy on video calls with external teams.

Lenovo Services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..



On-site Service

- If a problem can't be fixed remotely, we will visit your location
- Normally next business day service
- Agreed appointment times

Accessories

Thinkpad Essential 16" Topload (Eco)

- A generous padded 16" compartment to safely store and transport your notebook. Everything an on-the-go pro needs.
- Hitch to your suitcase when traveling via the back panel strap. Soft-padded carry handles.
- Classic black nylon exterior, grey interior lining, and sprinkling of red accents.



PN: 4X41C12469

Thinkpad Essential 16" Backpack (Eco)

- Two internal compartments (one for notebooks up to 16"), two front zipper pockets, and one side mesh water bottle sleeve that ensure you'll never run out of space.
- A padded top handle. And a rear luggage strap. Every feature is crafted for convenience and comfort.
- Elegant black nylon exterior, grey interior lining, and a splash of red accents.



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Performance

Processor

AMD Ryzen 5/7/9

Operating System

Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64
Fedora Linux
Linux
Ubuntu Linux

Graphics

AMD Radeon 660M Graphics (integrated)
AMD Radeon 680M Graphics (integrated)
AMD Radeon RX 6500M

Memory

16GB LPDDR5-6400, soldered
32GB LPDDR5-6400, soldered

Storage¹

Up to 1x 2TB M.2 2280 PCIe NVMe SSD

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

Audio

High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Atmos
Dual-microphone array, 360° far-field, Dolby Voice

Camera*

FHD 1080p + IR hybrid, with E-shutter
FHD 1080p + IR discrete, with E-shutter

Battery²

72Wh (up to 20.5 hr) battery, Rapid Charge

²Battery life claims are approximate maximum. Actual result will vary depending on many factors and the maximum battery capacity will decrease with time and use.

Power Adapter*

135W USB-C slim adapter, PD 3.0

Design

Display³

16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 400nits, 100% sRGB, low power, TÜV Low Blue Light

16" WUXGA (1920x1200) IPS ARAS 16:10
- 400nits, 100% sRGB, on-cell touch, low power, TÜV Low Blue Light

16" WQUXGA (3840x2400) OLED ARAS 16:10
- 400nits, 100% DCI-P3, OGS touch, DisplayHDR 400, Dolby Vision, TÜV Low Blue Light

³IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Pen*

Pen sold separately*

Keyboard

6-row, spill-resistant, backlight

Touchpad

TrackPoint and glass surface Haptic Touchpad
80 x 120 mm (3.15 x 4.72 inches)

Dimensions⁴

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

⁴The system dimensions may vary depending on configurations.

Weight⁵

Starting at 1.81 kg (3.99 lbs)

⁵The system weight is approximate and may vary depending on configurations

Color

Arctic grey (top), black (bottom)

Case material

Aluminium (top), aluminium (bottom)

Connectivity

WLAN + Bluetooth*^{6 7}

Qualcomm NFA-725A Wi-Fi 6E, 802.11ax, Bluetooth 5.1

⁶Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

⁷Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

WWAN*

4G LTE CAT4
4G LTE CAT6

Ports

1x USB-C 3.2 Gen 2 (data, PD 3.0, DP 1.4a)
2x USB4 40Gbps (data, PD 3.0, DP 1.4a)
1x SD card reader
1x Headphone / microphone combo jack (3.5mm)
1x Nano-SIM card slot (WWAN support models)*

Docking

Docking support via USB-C

Security & Privacy

Security

Discrete TPM 2.0 and Microsoft Pluton TPM 2.0
Kensington Nano Security Slot
Touch style MOC fingerprint reader
E-shutter
IR camera for Windows Hello (facial recognition)
Glance by Mirametrix

Manageability

System Management*

DASH*

Certifications

Green Certifications^{8 9 10}

ENERGY STAR 8.0
EPEAT Gold Registered
ErP Lot 3
TCO Certified 9.0
RoHS compliant

⁸The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

⁹EPEAT registration and ENERGY STAR certification are dependent on system OS.

¹⁰EPEAT is registered where applicable, please see [epeat.net](https://www.epeat.net) for registration status by country.

Other Certifications

TÜV Rheinland Low Blue Light
MIL-STD-810H

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2024 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.