

# 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.



## Redefining possibilities with powerful performance and groundbreaking on-device AI

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

- On-site support if needed
- 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

### Storage<sup>1</sup>

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

<sup>1</sup>The 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

### Battery<sup>2</sup>

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

<sup>2</sup>Battery 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

### Display<sup>3</sup>

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

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

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

<sup>3</sup>IPS (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)

### Dimensions<sup>4</sup>

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

<sup>4</sup>The system dimensions may vary depending on configurations.

### Weight<sup>5</sup>

Starting at 1.81 kg (3.99 lbs)

<sup>5</sup>The 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\*<sup>6 7</sup>

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

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

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

### WWAN\*

4G LTE CAT4  
4G LTE CAT16

### 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<sup>8 9 10</sup>

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

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

<sup>9</sup>EPEAT registration and ENERGY STAR certification are dependent on system OS.

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

### Other Certifications

TÜV Rheinland Low Blue Light (Hardware Solution)  
MIL-STD-810H