# 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.

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.

Preloaded applications are very less, ensuring the device doesn't slow down.

## Lenovo devices that are a class apart

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.

# 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.

PN: 4X41C12468

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

[1]The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.

**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** [2]
72Wh (up to 20.5 hr) battery, Rapid Charge

[2]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** [3]
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, 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

[3]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 ForcePad
67 x 120 mm (2.64 x 4.72 inches)

**Dimensions** [4]
354.4 x 237.4 x 15.8 mm (13.95 x 9.35 x 0.62 inches)

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

**Weight** [5]
Multi-touch models: starting at 1.94 kg (4.27 lbs)
Non-touch models: starting at 1.81 kg (3.99 lbs)

[5]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** [6] [7]
Qualcomm NFA-725A Wi-Fi 6E, 802.11ax, Bluetooth 5.1

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

[7]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

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
Glance by Mirametrix

## Manageability

DASH*

## Certifications

**Green Certifications** [8] [9]
ENERGY STAR 8.0*
EPEAT Gold Registered*
ErP Lot 3
TCO Certified 9.0
RoHS compliant

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

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

**Other Certifications**
TÜV Rheinland Low Blue Light
MIL-STD-810H