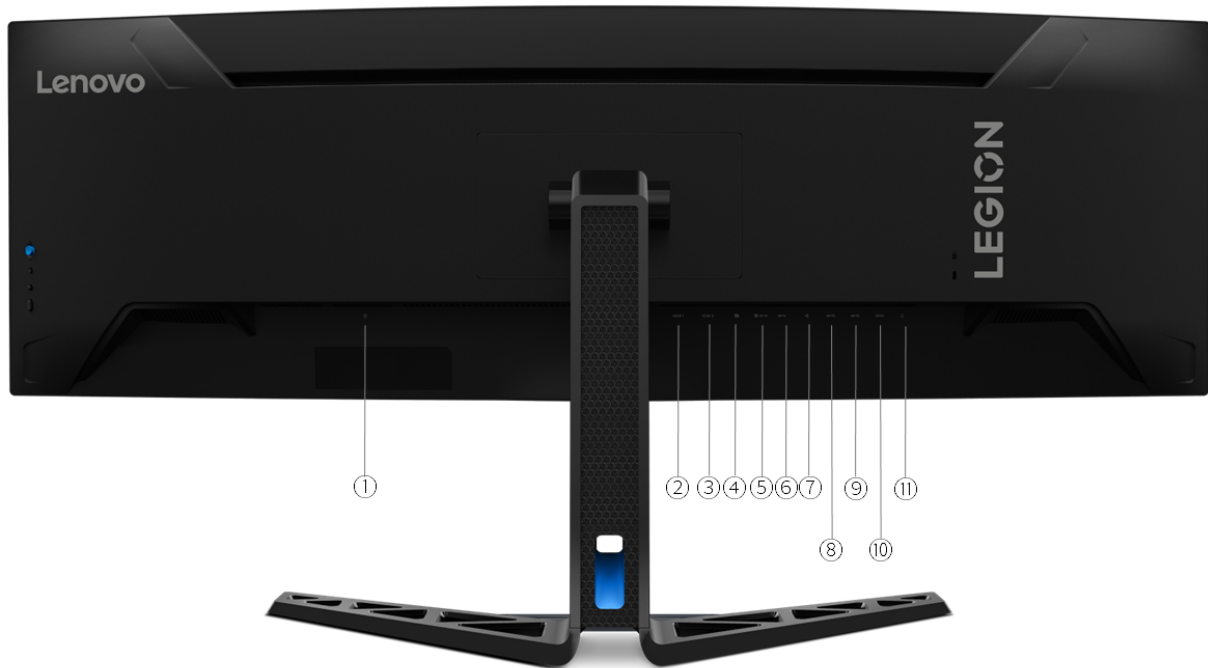# OVERVIEW

1. Power connector	7. Ethernet (2.5GbE RJ-45)
2. HDMI 2.1 TMDS	8. USB 3.2 Gen 1
3. HDMI 2.1 TMDS	9. USB 3.2 Gen 1
4. DP 1.4	10. USB 3.2 Gen 1
5. USB-C 3.2 Gen 1 (DP 1.4 Alt Mode, 75W)	11. Audio-out (3.5mm)
6. USB-B 3.2 Gen 1	

PERFORMANCE

Panel

Panel

VA

Backlight

WLED

Display Size

44.5 inches

Max View Area

WxH: 1087.5 x 305.9 mm

Resolution

5120 x 1440

Aspect Ratio

32:9

Pixel Pitch

0.212 x 0.212 mm

Dot / Pixel Per Inch

119.5 dpi

Brightness

- Peak: 500 cd/m²
- Typical: 450 cd/m²

Contrast Ratio

- Contrast Ratio: 3000:1
- Dynamic Contrast Ratio: 3M™:1

View Angle (H / V)

Horizontal: 178°, Vertical: 178°

Response Time

- Level 1: 12 ms
- Level 2: 9 ms
- Level 3: 7 ms
- Level 4: 4 ms
- Moving Picture Response Time (MPRT): 1 ms

Refresh Rate

165Hz (Overclock to 170Hz)
Overclocking at 170Hz is based on laboratory test data, and this function may cause irregularities in the display

Color Gamut

- Color Area Ratio: 120% sRGB (CIE 1931)
- Color Area Ratio: 95% DCI-P3 (CIE 1976)
- Coverage Ratio: 90% DCI-P3 (CIE 1976)
- Coverage Ratio: 99% sRGB (CIE 1931)

Color Support

16.7 Million

Color Depth

8-bit

Screen Surface Treatment

Anti-glare

Curvature

1500R

Operating System

Operating System

- Windows® 11 Support

- Windows® 10 Support

Multi-Media

Camera

No bundled webcam (Support Lenovo® LC 50 Monitor Webcam, sold separately)

Microphone

No microphone

Speakers

Integrated Speakers, 2x 3W

Power Supply

Power Consumption

- Typical / Max: 34W / 165W
- Sleep / Off mode: <0.5W
- Switch-off Mode: <0.3W
- Internal Power Supply

Voltage Required

AC 100 to 240 V (50-60Hz)

Special Features

Special Features

- ClearMR 7000
- Picture In Picture (PIP) / Picture By Picture (PBP) Support
- DisplayHDR™ 400
- True Split
- Gaming Console Support
- KVM Switch
- Natural Low Blue Light
- VESA Adaptive Sync
- AMD FreeSync™ Premium Pro
  AMD FreeSync™ technology only can work with AMD Radeon™ series graphics card.
- Smart Power
  The Smart Power function intelligently detects overall power consumption and dynamically manages the power delivery to each device
- Lenovo® Artery (Lenovo® Accessories and Display Manager) Support
  Lenovo® Artery supports Windows® 10 & 11, Mac OS, and Windows® On Arm (functions vary across systems).
  Lenovo® Accessories and Display Manager is formerly Lenovo® Display Control Center.

DESIGN

Mechanical

ThinkCentre® M Series Support

None

Bezel Width

- Side: 2.5 mm
- Top / Bottom: 2.5mm / 22.4mm

Cable Management

Support

Case Color

Black C

Dimensions (WxDxH)[1]

Models	Dimensions
Lowest Position	1089.9 x 341.1 x 393.4 mm (42.91 x 13.43 x 15.49 inches)
Highest Position	1089.9 x 341.1 x 528.4 mm (42.91 x 13.43 x 20.8 inches)
Head Only	1089.9 x 163.6 x 339.1 mm (42.91 x 6.44 x 13.35 inches)

Packaging Dimensions (WxDxH)

1230 x 345 x 480 mm (48.43 x 13.58 x 18.9 inches)

Weight[2]

Models	Weight
Monitor With Stand	12.1 kg (26.7 lbs)
Monitor Head Only	8.3 kg (18.3 lbs)

Packaging Weight

20.2 kg (44.5 lbs)

Mounting

Supports VESA mount 100 x 100 mm & 200 x 100 mm

Stand

Supports -5° to +22° tilt, left & right 30 swivel, up to 135mm lift

In the Box

- Monitor with Stand
- 1x DP Cable (1.8m)
- 1x USB-A to USB-B Cable (1.8m)
- 1x Power cable (1.8m)
- Quick Setup Guide
- Warranty Booklet

Notes:

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

[2] 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.

CONNECTIVITY

Network

Ethernet

Support 10M / 100M / 1000M / 2500M

Ports[1]

Rear Ports

- 1x USB-C® 3.2 Gen 1 (DP 1.4 32.4 Gbps for 4 lanes Alt Mode, up to 75W), USB upstream
- 1x USB-B 3.2 Gen 1, USB upstream
- 3x USB 3.2 Gen 1, USB downstream
- 2x HDMI® 2.1 TMDS[2]
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)
- 1x audio-out (3.5mm)

Notes:

[1] The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
USB 2.0: 480 Mbit/s;
USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;
Thunderbolt™ 3/4: 40 Gbit/s.
[2] Supports 5120x1440@165Hz as specified in HDMI® 2.1

SECURITY & PRIVACY

Security

Physical Locks

Kensington® Security Slot™

SERVICE

Warranty

Base Warranty

- 1-year courier or carry-in service
- 3-year limited warranty

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- EU Energy Label (F-class)
- RoHS compliant
- Volatile Organic Compound Certification

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit https://compliance.lenovo.com.

Other Certifications

Other Certifications

- Eyesafe® Certified 2.0
- TÜV Rheinland® Eye Comfort Certification
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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