

## OVERVIEW



1. Power connector	6. USB 3.2 Gen 1
2. HDMI 2.1 TMDS	7. USB 3.2 Gen 1
3. HDMI 2.1 TMDS	8. USB 3.2 Gen 1
4. DisplayPort 1.4	9. USB 3.2 Gen 1
5. USB-B 3.2 Gen 1	10. Audio-out (3.5mm)

## PERFORMANCE

### Panel

#### Panel

3-side NearEdgeless, In-Plane Switching

#### Backlight

WLED

#### Display Size

27 inches

#### Max View Area

Active Area: 596.7 x 335.6 mm

#### Resolution

1920 x 1080

#### Aspect Ratio

16:9

#### Pixel Pitch

0.311 x 0.311 mm

#### Dot / Pixel Per Inch

81 dpi

#### Brightness

400 cd/m<sup>2</sup>

#### Contrast Ratio

- Contrast Ratio: 1000:1
- Dynamic Contrast Ratio (Typical): 3000000:1

#### View Angle (H / V)

Horizontal: 178°, Vertical: 178°

#### Response Time

- Moving Picture Response Time (MPRT) improves the response time and reduces motion blur in the monitor. Enabling MPRT will disable AMD FreeSync™™ technology, and may causes a negligible flicker.
- Moving Picture Response Time (MPRT): 0.5 ms
- Level 1: 4 ms
- Level 2: 3 ms
- Level 3: 2 ms
- Level 4: 1 ms
- Off Mode: 5 ms

#### Refresh Rate

165Hz (Overclock to 180Hz)

Overclocking at 180Hz is based on laboratory test data, and this function may cause irregularities in the display

#### Color Gamut

- Coverage Ratio: 99% sRGB
- Color Area Ratio: 110% sRGB

#### Color Support

16.7 Million

#### Color Depth

8-bit

#### Screen Surface Treatment

Anti-glare

### Operating System

#### Operating System

- Windows® 11 Support
- Windows® 10 Support

### Multi-Media

**Camera**

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

**Speakers**

Integrated Speakers, 3W x2

**Power Supply**

**Power Consumption**

- Typical / Max: 48W / 80W
- 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**

- HDR10 Compliance
- Processor LUT: 8 bit
- AMD FreeSync™ Premium  
AMD FreeSync™ technology only can work with AMD Radeon™ series graphics card.
- 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.
- Adaptive Sync
- Gaming Console Support
- Natural Low Blue Light

**DESIGN**

**Mechanical**

**Bezel Width**

- Side: 2mm
- Top / Bottom: 2mm / 20.6mm

**Cable Management**

Support

**Case Color**

Raven black

**Dimensions (WxDxH)<sup>[1]</sup>**

Models	Dimensions
Highest Position	613.7 x 258.8 x 536.5 mm (24.16 x 10.19 x 21.12 inches)
Lowest Position	613.7 x 258.8 x 401.5 mm (24.16 x 10.19 x 15.81 inches)
Unpacked Head Only	613.7 x 61 x 365.9 mm (24.16 x 2.4 x 14.41 inches)

**Packaging Dimensions (WxDxH)**

160 x 720 x 510 mm (6.30 x 28.35 x 20.08 inches)

**Weight<sup>[2]</sup>**

Models	Weight
Monitor With Stand	6.4 kg (14.1 lbs)
Monitor Head Only	4.4 kg (9.7 lbs)

**Packaging Weight**

8.4 kg (18.52 lbs)

**Mounting**

Supports VESA mount 100mm

**Stand**

Supports -5° to +25° tilt, left & right 30 swivel, -90° to +90° pivot, 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

### Ports<sup>[1]</sup>

#### Rear Ports

- 1x USB-B 3.2 Gen 1, USB upstream
- 4x USB 3.2 Gen 1, USB downstream
- 2x HDMI® 2.1 TMDS<sup>[2]</sup>
- 1x DisplayPort™ 1.4
- 1x Power Connector
- 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 1920x1080@165Hz as specified in HDMI® 2.1

## SECURITY & PRIVACY

### Security

#### Physical Locks

Kensington® Security Slot™

## SERVICE

### Warranty

#### Base Warranty

3-year limited warranty

## CERTIFICATIONS

### Green Certifications<sup>[1]</sup>

#### Green Certifications

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