

OVERVIEW



1. Power connector	6. USB 3.2 Gen 1
2. HDMI 2.0	7. USB 3.2 Gen 1
3. HDMI 2.0	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

24.5 inches

#### Max View Area

WxH: 543.7 x 302.6 mm

#### Resolution

1920 x 1080

#### Aspect Ratio

16:9

#### Pixel Pitch

0.283 x 0.280 mm

#### Dot / Pixel Per Inch

89 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

#### Refresh Rate

240Hz (Overclock to 280Hz)

Overclocking at 280Hz is based on laboratory test data, and this function may cause irregularities in the display

#### Color Gamut

- Coverage Ratio: 99% sRGB
- Color Area Ratio: 120% 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: 17W / 33W
- 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

- DisplayHDR™ 400
- 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.
- Natural Low Blue Light

DESIGN

Mechanical

Bezel Width

- Side: 2.0mm
- Top / Bottom: 2mm / 18.5mm

Cable Management

Support

Case Color

Raven black

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

Models	Dimensions
Lowest Position	557.3 x 257.3 x 358.7 mm (21.94 x 10.13 x 14.12 inches)
Highest Position	557.3 x 257.3 x 493.7 mm (21.94 x 10.13 x 19.44 inches)
Head Only	557.3 x 55.0 x 329.1 mm (21.94 x 2.16 x 12.96 inch)

Packaging Dimensions (WxDxH)

658 x 168 x 490 mm (25.90 x 6.61 x 19.29 inches)

Weight<sup>[2]</sup>

Models	Weight
Monitor Head Only	3.4 kg (7.4 lbs)
Monitor Head Only	5.3 kg (11.7 lbs)

Packaging Weight

8.1 kg (17.86 lbs)

Mounting

Supports VESA mount 100mm

Stand

Supports -5° to +22° tilt, left & right 45° 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® 2.0
- 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.

Thunderbolt™ 5: 80 Gbit/s (bidirectional), up to 120 Gbit/s in bandwidth boost mode for video-intensive applications.

## SECURITY & PRIVACY

### Security

#### Physical Locks

Kensington® Security Slot™

## SERVICE

### Warranty

#### Base Warranty

3-year limited warranty

## OPERATING REQUIREMENTS

### Operating Environment

#### Temperature

Operating: 0°C to 40°C (32°F to 104°F)

Storage: -20°C to 60°C (-4°F to 140°F)

#### Relative Humidity

Operating: 8% to 80%

Storage: 5% to 95%

## 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)
- 
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
  - The specifications on this page may not be available in all regions, and may be changed or updated without notice.

