

OVERVIEW



1. Power connector	6. USB-B 3.2 Gen 1
2. HDMI 2.1 TMDS	7. USB-C 3.2 Gen 1 (15W)
3. HDMI 2.1 TMDS	8. Audio-out (3.5mm)
4. DisplayPort 1.4	9. USB 3.2 Gen 1
5. USB-C 3.2 Gen 1 (DP 1.4 Alt Mode)	10. USB 3.2 Gen 1

PERFORMANCE

Panel

Panel

- 16 zones local dimming
- 3-side NearEdgeless, In-Plane Switching

Backlight

WLED

Display Size

31.5 inches

Max View Area

WxH: 697.3 x 392.2 mm

Resolution

3840 x 2160

Aspect Ratio

16:9

Pixel Pitch

0.181 x 0.181 mm

Dot / Pixel Per Inch

139 dpi

Brightness

- Peak: 400 cd/m²
- Typical: 350 cd/m²

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): 0.2 ms
- Level 1: 5 ms
- Level 2: 2 ms
- Level 3: 3 ms
- Level 4: 2 ms
- Off Mode: 7 ms

Refresh Rate

144Hz

Color Gamut

- Coverage Ratio: 99% sRGB
- Coverage Ratio: 90% DCI-P3
- Color Area Ratio: 112% sRGB

Color Support

1.07 Billion

Color Depth

10-bit (8-bit+FRC)

Screen Surface Treatment

Anti-glare

Operating System

Operating System

- Windows® 11 Support

- Windows® 10 Support

Multi-Media

Speakers

Integrated Speakers, 5W x2

Power Supply

Power Consumption

- Typical / Max: 62W / 175W
- 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
- Factory Calibration: Avg. Delta E<2
- Picture In Picture (PIP) / Picture By Picture (PBP) Support
- AMD FreeSync™ Premium
AMD FreeSync™ technology only can work with AMD Radeon™ series graphics card.
- VESA Adaptive Sync
- 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.
- Auto Ambient Brightness Sensor
- Brightness Calibration
- Gaming Console Support
- KVM Switch
- Natural Low Blue Light
- Smart Power
The Smart Power function intelligently detects overall power consumption and dynamically manages the power delivery to each device

DESIGN

Mechanical

Bezel Width

- Side: 2.0mm
- Top / Bottom: 2.3mm / 21.74mm

Cable Management

Support

Case Color

Raven black

Dimensions (WxDxH)^[1]

Models	Dimensions
Lowest Position	715.1 x 298.4 x 463.8 mm (28.15 x 11.75 x 18.26 inches)
Highest Position	715.1 x 298.4 x 598.8 mm (28.15 x 11.75 x 23.58 inches)
Unpacked Head Only	715.1 x 59.5 x 424.4 mm (28.15 x 2.34 x 16.71 inches)

Packaging Dimensions (WxDxH)

906 x 173 x 526 mm (35.67 x 6.81 x 20.71 inches)

Weight^[2]

Models	Weight
Monitor With Stand	9.6 kg (21.2 lbs)

Monitor Head Only	7.4 kg (16.4 lbs)
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Packaging Weight

14.2 kg (31.31 lbs)

Mounting

Supports VESA mount 100mm

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 HDMI® cable (1.8m)
- 1x USB-C® to USB-C® cable (1m)
- 1x USB-A to USB-B cable (1.8m)
- 1x Power cable (1.8m)
- Factory calibration report
- 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^[1]

Rear Ports^[2]

- 1x USB-C® 3.2 Gen 1 (15W), USB downstream
- 1x USB-C® 3.2 Gen 1 (DP 1.4 Alt Mode and up to 75W PD), USB upstream
- 1x USB-B 3.2 Gen 1, USB upstream
- 2x USB 3.2 Gen 1, USB downstream
- 2x HDMI® 2.1 TMDS^[3]
- 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.
- [2] Up to 75W power delivery to compatible devices by USB-C®. Listed as maximum capacity of power delivery. Actual capacity of power delivery may vary depending upon devices connected or monitor configuration, and may decline with downstream USB ports connected or higher brightness setting.
- [3] Supports 3840x2160@144Hz as specified in HDMI® 2.1

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^[1]

Green Certifications

RoHS compliant

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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