

OVERVIEW



|                        |                       |
|------------------------|-----------------------|
| 1. Power connector     | 8. Ethernet (RJ-45)   |
| 2. HDMI 2.1 TMDS       | 9. USB 3.2 Gen 2      |
| 3. HDMI 2.1 TMDS       | 10. USB 3.2 Gen 2     |
| 4. DisplayPort 1.4     | 11. Audio-out (3.5mm) |
| 5. DisplayPort 1.4 out | 12. USB-C 3.2 Gen 2   |
| 6. USB4 40Gbps         | 13. USB 3.2 Gen 2     |
| 7. USB-C 3.2 Gen 2     | 14. USB 3.2 Gen 2     |

## PERFORMANCE

### Panel

#### Panel

3-side NearEdgeless, In-Plane Switching

#### Backlight

Mini-LED

#### Display Size

31.5 inches

#### Max View Area

- Active Area: 697.3 x 392.2 mm
- Screen Dimension: 709.6 x 417.8 mm

#### Resolution

3840 x 2160

#### Aspect Ratio

16:9

#### Pixel Pitch

0.182 x 0.182 mm

#### Dot / Pixel Per Inch

140 dpi

#### Brightness

- Peak: 1200 cd/m<sup>2</sup>
- Typical: 650 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

- Extreme Mode: 4 ms
- Normal Mode: 6 ms

#### Refresh Rate

60Hz

#### Color Gamut

- 100% sRGB
- 98% DCI-P3
- 100% BT.709
- 81% BT.2020
- 99% Adobe® RGB

#### Color Support

1.07 Billion

#### Color Depth

10-bit (8-bit+FRC)

#### Screen Surface Treatment

Anti-glare

#### Curvature

Flat Panel

### Operating System

#### Operating System

- Windows® 11 Support
- Windows® 10 Support

Multi-Media

Camera

Optional Modular Camera Support

Speakers

Optional Modular Soundbar support

Power Supply

Power Consumption

- Typical / Max: 32W / 305W
- Sleep / Off mode: <0.5W / <0.3W
- Switch-off Mode: <0.3W
- Energy Star Power On: 32.3W
- Energy Star TEC: 101.9kWh
- Internal Power Supply

Voltage Required

AC 100 to 240 V (50-60Hz)

Special Features

Special Features

- HDR10 Compliance
- DisplayHDR™ 1000
- Factory Calibration: Avg. Delta E<1.5
- Picture In Picture (PIP) / Picture By Picture (PBP) Support
- Lenovo® ThinkColour (Lenovo® Accessories and Display Manager) Support  
Lenovo® ThinkColour 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
- HLG
- KVM Switch
- Smart Power  
The Smart Power function intelligently detects overall power consumption and dynamically manages the power delivery to each device
- Smart Sensor (Ambient Light Sensor, Human Detection Sensor)

DESIGN

Mechanical

ThinkCentre® M Series Support

ThinkCentre® M Series Tiny, ThinkCentre® M Series Nano  
For supporting Tiny / Nano devices, additional Clamp Bracket Mounting Kit III (PN: 4XF1K72399) is needed (sold separately).

Bezel Width

- Side: 2.0mm
- Top / Bottom: 2mm / 29mm

Case Color

Raven black

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

| Models           | Dimensions                                             |
|------------------|--------------------------------------------------------|
| Lowest Position  | 714.2 x 234.9 x 456.6 mm (28.12 x 9.25 x 17.98 inches) |
| Highest Position | 714.2 x 234.9 x 609 mm (28.12 x 9.25 x 23.98 inches)   |
| Head Only        | 714.2 x 78.9 x 430.9 mm (28.12 x 3.11 x 16.96 inches)  |

Packaging Dimensions (WxDxH)

908 x 163 x 518 mm (35.75 x 6.42 x 20.39 inches)

Weight<sup>[2]</sup>

| Models | Weight |
|--------|--------|
|--------|--------|

|                    |                    |
|--------------------|--------------------|
| Monitor With Stand | 10.5 kg (23.1 lbs) |
| Monitor Head Only  | 7.6 kg (16.8 lbs)  |

Packaging Weight

14.6 kg (32.2 lbs)

Mounting

Supports VESA mount 100 x 100 mm

Stand

Supports -5° to +23.5° tilt, left & right 45° swivel, 90° pivot, up to 155mm lift

In the Box

- Monitor with stand
- 1x DP cable (1.8m) (for US, Canada only)
- 1x USB-C® to USB-A gen 2 cable (1m)
- 1x USB4® cable (1m)
- 1x Power cable (1.8m)<sup>[3]</sup>
- Factory calibration report
- Quick setup guide

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.
- [3] Model with the “WL” suffix is shipped without a power cable.

CONNECTIVITY

Network

Ethernet

Support 10M / 100M / 1000M

Ports<sup>[1]</sup>

Rear Ports

- 1x USB-C® 3.2 Gen 2, USB upstream
- 1x USB4® 40Gbps (support data transfer, DP 1.4 Alt Mode and up to 140W PD), USB upstream
- 1x USB-C® 3.2 Gen 2 (support data transfer, up to 15W PD), USB downstream
- 4x USB 3.2 Gen 2 (1x BC 1.2), USB downstream
- 2x HDMI® 2.1 TMDS, supports 3840x2160@60Hz
- 1x DisplayPort™ 1.4
- 1x DisplayPort™ 1.4 (Out)
- 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.
- 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™ (2.5 mm x 6 mm and 3 mm x 7 mm)

## 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)

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

#### Relative Humidity

Operating: 8% to 80% non-condensing

Storage: 5% to 95% non-condensing

Transport: 5% to 95% non-condensing

## CERTIFICATIONS

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

#### Green Certifications

- ENERGY STAR® Certified
- EPEAT™ Gold Registered
- EU Energy Label (G-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

- TÜV Rheinland® Eye Comfort Certification
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light

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