# **OVERVIEW**



| 1. Power connector                   | 7. Ethernet (RJ-45)        |
|--------------------------------------|----------------------------|
| 2. Kensington Security Slot          | 8. USB 3.2 Gen 1           |
| 3. HDMI 2.1 TMDS                     | 9. Audio-out (3.5mm)       |
| 4. DisplayPort 1.4                   | 10. USB 3.2 Gen 1          |
| 5. USB-C 3.2 Gen 1 (DP 1.4 Alt Mode) | 11. USB 3.2 Gen 1          |
| 6. DisplayPort out                   | 12. USB 3.2 Gen 1 (BC 1.2) |

## PERFORMANCE

## Panel

#### Panel

3-side NearEdgeless, In-Plane Switching

Backlight

#### WLED

#### **Display Size**

23.8 inches

#### Max View Area

- Scree Dimension: 534.9 x 303.1 mm
- Active Area: 526.8 x 296.3 mm

#### Resolution

2560 x 1440

#### Aspect Ratio

16:9

#### **Pixel Pitch**

0.205 x 0.205 mm

#### Dot / Pixel Per Inch

123 dpi

#### Brightness

300 cd/m<sup>2</sup>

#### **Contrast Ratio**

- Contrast Ratio: 1000:1
- Dynamic Contrast Ratio (Typical): 300000:1

#### View Angle (H / V)

Horizontal: 178°, Vertical: 178°

#### Response Time

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

## **Refresh Rate**

60Hz

#### Color Gamut

- Coverage Ratio: 99% sRGB
- Coverage Ratio: 99% BT.709
- Color Area Ratio: 111% sRGB

#### Color Support

16.7 Million

Color Depth

8-bit (6-bit+FRC)

## Screen Surface Treatment

Anti-glare

## **Operating System**

#### **Operating System**

- Windows<sup>®</sup> 11 Support
- Windows® 10 Support

## Multi-Media

#### Camera

No bundled webcam (Support ThinkVision® VoIP Stack MC60 Monitor Webcam, sold separately)

#### Speakers

PSREF Product Specifications Reference

Lenovo

Optional Modular Soundbar support (MS30 Monitor Soundbar)

### **Power Supply**

#### **Power Consumption**

- Typical / Max: 27W / 161W
- Sleep / Off mode: <0.5W
- Switch-off Mode: <0.3W
- Energy Star Power On: 18W
- Energy Star TEC: 57kWh
- Internal Power Supply

#### Voltage Required

AC 100 to 240 V (50-60Hz)

## **Special Features**

#### Special Features

- HDR10 Compliance
- Factory Calibration: Avg. Delta E<2
- 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.
- 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**

#### ThinkCentre® M Series Support

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

#### **Bezel Width**

- Side: 2mm
- Top / Bottom: 2mm / 18mm

#### **Cable Management**

Support

#### Case Color

Raven black

#### Dimensions (WxDxH)[1]

| Models           | Dimensions  |
|------------------|---|
| Head Only        | 539.5 x 46.5 x 323.7mm (21.24 x 1.83 x 12.74 inches)  |
| Highest Position | 539.5 x 199.7 x 503.8mm (21.24 x 7.86 x 19.83 inches) |
| Lowest Position  | 539.5 x 199.7 x 348.8mm (21.24 x 7.86 x 13.73 inches) |

#### Packaging Dimensions (WxDxH)

620 x 160 x 420 mm (24.41 x 6.30 x 16.54 inches)

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

| Models             | Weight            |
|--------------------|-------------------|
| Monitor With Stand | 5.7 kg (12.6 lbs) |
| Monitor Head Only  | 3.8 kg (8.4 lbs)  |

#### Packaging Weight

8.6 kg (19.00 lbs)

#### Mounting

Supports VESA mount 100mm

## Stand

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

#### In the Box

- Monitor with stand
- 1x DP cable (1.8m) (For NA, Brazil; No for EMEA, AP, LAS)
- 1x USB-C<sup>®</sup> to USB-C<sup>®</sup> cable (1.8m)
- 1x USB-C<sup>®</sup> to USB-A cable (1.8m) (For NA, Brazil; No for EMEA, AP nor LAS)
- 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<sup>®</sup> 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

## **Ports**<sup>D</sup>

#### Rear Ports<sup>[2]</sup>

- 1x USB-C<sup>®</sup> 3.2 Gen 1 (DP 1.4 Alt Mode and up to 100W PD), USB upstream
- 4x USB 3.2 Gen 1 (1x BC 1.2), USB downstream
- 1x HDMI<sup>®</sup> 2.1 TMDS<sup>[3]</sup>
- 1x DisplayPort<sup>™</sup> 1.4
- 1x DisplayPort<sup>™</sup> out
- 1x Ethernet (RJ-45)
- 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<sup>®</sup> 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt™ 3/4: 40 Gbit/s.

[2] Up to 100W power delivery to compatible devices by USB-C<sup>®</sup>. 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 2560x1440@60Hz as specified in HDMI  $^{\circ}$  2.1

# **SECURITY & PRIVACY**

## Security

## Physical Locks

Kensington<sup>®</sup> Security Slot<sup>™</sup> (2.5 mm x 6 mm and 3 mm x 7 mm)

# SERVICE

## Warranty

Base Warranty

3-year limited warranty

# CERTIFICATIONS

### **Green Certifications**<sup>11</sup>

#### **Green Certifications**

- ENERGY STAR<sup>®</sup> Certified
- EPEAT<sup>™</sup> Gold Registered<sup>[2]</sup>
- RoHS compliant
- TCO Certified 9.0
- TCO edge 2.0
- 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 <u>https://compliance.lenovo.com</u>.
[2] EPEAT<sup>™</sup> is registered where applicable, please visit <u>epeat.net</u> for registration status by country.

## **Other Certifications**

#### **Other Certifications**

- Eyesafe® Certified 2.0
- TÜV Rheinland® Eye Comfort Certification
- TÜV Rheinland® Flicker Free
- TÜV Rheinland<sup>®</sup> Low Blue Light
- TÜV Rheinland<sup>®</sup> Low Blue Light (Hardware Solution)
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