

OVERVIEW



|                                                           |                                              |
|-----------------------------------------------------------|----------------------------------------------|
| 1. HDMI 1.4                                               | 6. USB-A (USB 5Gbps), USB downstream         |
| 2. DisplayPort 1.4 (HBR2)                                 | 7. USB-A (USB 5Gbps), USB downstream         |
| 3. DisplayPort 1.4 out                                    | 8. USB-C (USB 5Gbps), PD 15W, USB downstream |
| 4. USB-C (USB 5Gbps), with PD 3.0 100W & DP 1.4, upstream | 9. USB-A (USB 5Gbps), USB downstream         |
| 5. Ethernet (1GbE, RJ-45)                                 |                                              |

## PERFORMANCE

### Panel

#### Panel

4-side Ultra Thin, In-Plane Switching

#### Backlight

WLED

#### Display Size

23.8 inches

#### Max View Area

- Active Area: 527.0 x 296.5 mm
- Screen Dimension: 535 x 310.1 mm

#### Resolution

1920 x 1080

#### Aspect Ratio

16:9

#### Pixel Pitch

0.2745 x 0.2745 mm

#### Dot / Pixel Per Inch

93 dpi

#### Brightness

250 cd/m<sup>2</sup>

#### Contrast Ratio

- Contrast Ratio (Typical): 1500:1
- Dynamic Contrast Ratio (Typical): 3000000:1

#### View Angle (H / V)

Horizontal: 178°, Vertical: 178°

#### Response Time

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

#### Refresh Rate

48Hz - 120Hz

#### Color Gamut

- Coverage Ratio: 99% sRGB (CIE 1931)
- Coverage Ratio: 99% BT.709 (CIE 1931)

#### Color Support

16.7 Million

#### Color Depth

8-bit (6-bit+FRC)

#### Screen Surface Treatment

Anti-glare

#### Curvature

Flat Panel

### Operating System

#### Operating System

- Windows® 11 Support
- Windows® 10 Support

### Multi-Media

#### Camera

No camera

Microphone

No microphone

Speakers

Integrated Speakers, 2W x2

Power Supply

Power Consumption

- Typical / Max: 16W / 157W
- Sleep / Off mode: <0.5W
- Switch-off Mode: <0.3W
- Energy Star Power On: 14W
- Energy Star TEC: 50kWh
- Internal Power Supply

Voltage Required

AC 100 to 240 V (50-60Hz)

Special Features

Special Features

- Lenovo® ThinkColour (Lenovo® Accessories and Display Manager) Support  
Lenovo® ThinkColour supports Windows® 10 & 11, Mac OS (functions vary across systems).  
Lenovo® Accessories and Display Manager is formerly Lenovo® Display Control Center.
- LDFM (Lenovo® Display Fleet Manager)
- Mirrored Power Button
- Natural Low Blue Light
- Smart Power

DESIGN

Mechanical

ThinkCentre® M Series Support

To support Tiny devices, an additional ThinkCentre® Tiny Mounting Kit (PN:4XF1R07369) is required (sold separately).

Bezel Width

- Side: 2.0mm
- Top: 2.0mm
- Bottom: 10.5mm

Cable Management

Support

Case Color

Eclipse black

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

| Models           | Dimensions                                             |
|------------------|--------------------------------------------------------|
| Lowest Position  | 539.8 x 190.0 x 350.8 mm (21.25 x 7.48 x 13.81 inches) |
| Highest Position | 539.8 x 190.0 x 505.8 mm (21.25 x 7.48 x 19.91 inches) |
| Head Only        | 539.8 x 45.3 x 314.8 mm (21.25 x 1.78 x 12.39 inches)  |

Packaging Dimensions (WxDxH)

730.0 x 112.0 x 420.0 mm (28.74 x 4.41 x 16.54 inches)

Weight<sup>[2]</sup>

| Models             | Weight            |
|--------------------|-------------------|
| Monitor With Stand | 5.6 kg (12.4 lbs) |
| Monitor Head Only  | 3.5 kg (7.7 lbs)  |

Packaging Weight

8.0 kg (17.6 lbs)

Mounting

Supports VESA mount 100 x 100 mm

#### 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 1.4 cable (1.8m)<sup>[3]</sup>
- 1x HDMI<sup>®</sup> cable<sup>[4]</sup>
- 1x USB-C<sup>®</sup> to USB-C<sup>®</sup> Gen 1 cable (1.8m)
- 1x Power cable (1.8m)
- 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<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.

[3] Not available for 64B9GAR1BR

[4] For 64B9GAR1BR only

## CONNECTIVITY

### Network

#### Ethernet

Gigabit Ethernet, 1x RJ-45

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

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

- 1x USB-C<sup>®</sup> (USB 5Gbps / 3.2 Gen 1) with USB PD 3.0 up to 100W and DisplayPort<sup>™</sup> 1.4 Alt Mode HBR2, USB upstream<sup>[3]</sup>
- 1x USB-C<sup>®</sup> (USB 5Gbps / USB 3.2 Gen 1) with 15W PD, data transfer only, USB downstream
- 3x USB-A (USB 5Gbps / USB 3.2 Gen 1, 1x BC 1.2), USB downstream
- 1x HDMI<sup>®</sup> 1.4, supports 1920x1080@120Hz
- 1x DisplayPort<sup>™</sup> 1.4 (HBR2), supports max.bandwidth 21.6Gbps
- 1x DisplayPort<sup>™</sup> 1.4 (Out)

#### 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<sup>®</sup> 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4<sup>®</sup> 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt<sup>™</sup> 3/4: 40 Gbit/s.

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

[2] Listed are 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] The output rating (100W, 20V/5A) is designed based on the Lenovo<sup>®</sup> VDM developed by Lenovo<sup>®</sup>. This product can achieve the output rating (100W, 20V/5A) when it connects products that support Lenovo<sup>®</sup> VDM developed by Lenovo<sup>®</sup>

## SECURITY & PRIVACY

### Security

#### Physical Locks

Kensington<sup>®</sup> Nano Security Slot<sup>™</sup> (2.5 mm x 6 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: 10% 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 (D-class)
- RoHS (2011/65/EU)
- TCO Certified, generation 10
- TCO Edge 2.1
- 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 2.0
- TÜV Rheinland® Eye Comfort Certification (5-star)
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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