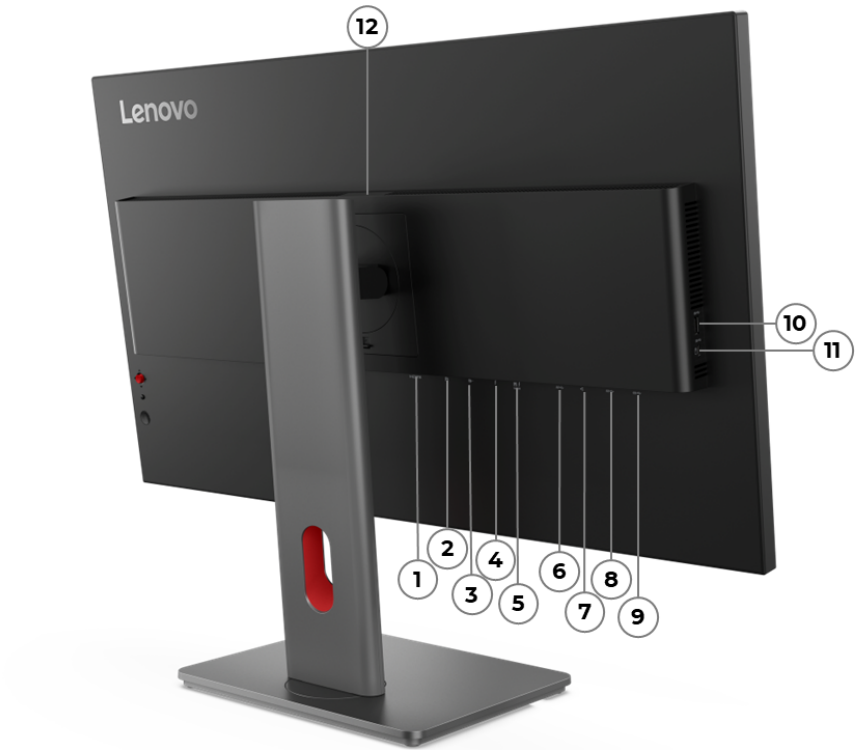
OVERVIEW



1. HDMI 2.1 TMDS	7. Ethernet (2.5GbE RJ-45)
2. DisplayPort 1.4 (HBR3 DSC)	8. USB-A (USB 5Gbps), USB downstream
3. DP out	9. USB-A (USB 5Gbps), USB downstream
4. Thunderbolt 4 Out	10. USB-A (USB 5Gbps), USB downstream
5. Thunderbolt 4 (40Gbps), 140W/DP 1.4, upstream	11. USB-C (USB 5Gbps), USB downstream
6. USB-B (USB 5Gbps), USB upstream	12. USB-A (USB 5Gbps), USB downstream

PERFORMANCE

Panel

Panel

4-side Ultra Thin Bezel, In-Plane Switching

Backlight

WLED

Display Size

31.5 inches

Max View Area

- Active Area: 697.3 x 392.2 mm
- Screen Dimension: 709.3 x 405.9 mm

Resolution

3840 x 2160

Aspect Ratio

16:9

Pixel Pitch

0.1815 x 0.1815 mm

Dot / Pixel Per Inch

140 dpi

Brightness

350 cd/m²

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

24Hz - 120Hz

Color Gamut

- Coverage Ratio: 99% sRGB (CIE 1931)
- Coverage Ratio: 98% DCI-P3 (CIE 1976)
- Coverage Ratio: 99% BT.709 (CIE 1931)

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

- ThinkVision® VoIP Stack MC60 monitor webcam (For models 64A8ZAT2 and 64A8ZAR2)
- No bundled webcam (Support ThinkVision® VoIP Stack MC60 Monitor Webcam, sold separately)

Microphone

- Support MC60 with built-in dual microphone
- No built-in microphone

Speakers

No speakers (Support MS30 Monitor Soundbar, sold separately)

Power Supply

Power Consumption

- Typical / Max: 23W / 240W
- Sleep / Off mode: <0.5W
- Switch-off Mode: <0.3W
- Energy Star Power On: 18.3W
- Energy Star TEC: 63.4kWh

Voltage Required

AC 100 to 240 V (50-60Hz)

Special Features

Special Features

- HDR10 Compliance
- Factory Calibration: Avg. Delta E<2 at sRGB and DCI-P3
- 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 (functions vary across systems).
  Lenovo® Accessories and Display Manager is formerly Lenovo® Display Control Center.
- AI Power Saving Mode
- KVM Switch (with eKVM)
- LDFM (Lenovo® Display Fleet Manager)
- Mirrored Power Button
- Multi-sync
- 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

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: 11.5mm

Cable Management

Support

Case Color

Raven black

Dimensions (WxDxH)[1]

Models	Dimensions
Lowest Position	714.3 x 218.0 x 439.5 mm (28.12 x 8.58 x 17.30 inches)
Highest Position	714.3 x 218.0 x 594.5 mm (28.12 x 8.58 x 23.41 inches)
Head Only	714.3 x 46.0 x 413.2 mm (28.12 x 1.81 x 16.27 inches)

Packaging Dimensions (WxDxH)

824.0 x 162.0 x 528.0 mm (32.44 x 6.38 x 20.79 inches)

Weight[2]

Models	Weight
Monitor With Stand	8.1 kg (17.9 lbs)
Monitor Head Only	5.2 kg (11.5 lbs)

Packaging Weight

11.5 kg (25.4 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 1.4 cable (1.8m)
- 1x USB-B to USB-A Gen 1 cable (1.8m)
- 1x Thunderbolt™ cable (1m, 40Gbps), for models 64A8Y** and 64A8X** only
- 1x Thunderbolt™ cable (1.5m, 40Gbps), for models 64A8Z** and 64A8G** only
- 1x Power cable (1.8m)
- ThinkVision® VoIP Stack MC60 monitor webcam[3]
- 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] For models 64A8ZAR2**, 64A8ZAT2, 64A8YAR2** and 64A8YAT2**

CONNECTIVITY

Network

Ethernet

2.5GbE Ethernet, 1x RJ-45

Ports[1]

Rear Ports

- 1x Thunderbolt™ 4 (40Gbps) with PD 3.1 up to 140W and DisplayPort™ 1.4 Alt Mode HBR3, USB upstream
- 1x Thunderbolt™ 4 Out
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1) with 15W PD, data transfer only, USB downstream
- 4x USB-A (USB 5Gbps / USB 3.2 Gen 1), 1x BC1.2, USB downstream
- 1x USB-B (USB 5Gbps / USB 3.2 Gen 1), USB upstream
- 1x HDMI® 2.1 TMDS, supports 3840x2160@120Hz
- 1x DisplayPort™ 1.4 (HBR3), supports max. bandwidth 32.4Gbps
- 1x DisplayPort™ 1.4 (Out)
- 1x Ethernet (2.5GbE RJ-45)

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® Nano Security Slot™ (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: 8% to 80% non-condensing
Storage: 5% to 95% non-condensing
Transport: 5% to 95% non-condensing

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ENERGY STAR® Certified
- EPEAT™ Gold Registered
- EU Energy Label (E-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
- TÜV Rheinland® Low Blue Light (Hardware Solution)

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