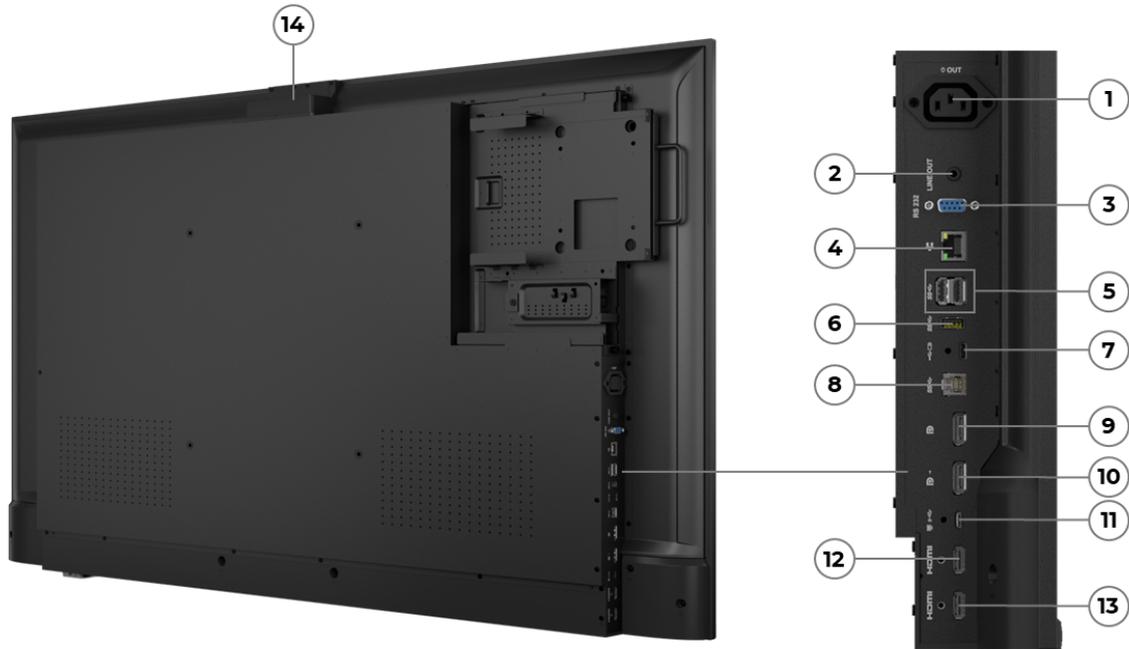


**OVERVIEW**



1. Power connector	8. USB-B (USB 5Gbps), USB upstream
2. Line-out (3.5mm)	9. DisplayPort 1.4
3. Serial (RS232)	10. DisplayPort 1.4 out
4. Ethernet (GbE RJ-45)	11. USB-C (USB 10Gbps), 96W/DP 1.4, upstream
5. 2x USB-A (USB 5Gbps), USB downstream	12. HDMI 2.1 TMDS
6. USB-A (USB 5Gbps), USB downstream	13. HDMI 2.1 TMDS
7. USB-C (USB 5Gbps), 15W, USB downstream	14. USB-A (USB 5Gbps), USB downstream

## PERFORMANCE

### Panel

#### Panel

Vertical Alignment (VA)

#### Backlight

DLED

#### Display Size

54.6 inches

#### Max View Area

- Active Area: 1209.6 x 680.4 mm
- Screen Dimension: 1227.0 x 710.1 mm

#### Resolution

3840 x 2160

#### Aspect Ratio

16:9

#### Pixel Pitch

0.315 x 0.315 mm

#### Dot / Pixel Per Inch

80 dpi

#### Brightness

400 cd/m<sup>2</sup>

#### Contrast Ratio

Contrast Ratio: 5000:1

#### View Angle (H / V)

Horizontal: 178°, Vertical: 178°

#### Response Time

8 ms

#### Refresh Rate

60Hz

#### Color Gamut

- 95% sRGB (CIE 1976)
- 75% DCI-P3 (CIE 1976)
- 72% NTSC (CIE 1931)

#### Color Support

1.07 Billion

#### Color Depth

10-bit (8-bit+FRC)

#### Screen Surface Treatment

Anti-glare (28%)

#### Curvature

Flat Panel

### Operating System

#### Operating System

- Windows® 11 Support
- Windows® 10 Support

### Multi-Media

#### Camera

No camera

#### Microphone

No microphone

### Speakers

Integrated Speakers, 2x 10W.  
Support ThinkSmart® Bar 180, sold separately

## Power Supply

### Power Consumption

- Typical / Max: 100W / 300W
- Sleep / Off mode: <0.5W
- Switch-off Mode: <0.3W
- Energy Star Power On: 84W
- Energy Star TEC: 123kWh
- Internal Power Supply

### Voltage Required

AC 100 to 240 V (50-60Hz)

## Special Features

### Special Features

- HDR10 Compliance
- 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 (5%)
- DaisyChain Support (Up to 4)
- Hardware Low Blue Light
- KVM Switch
- 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: 3.3mm
- Top: 2.6mm
- Bottom: 19mm

#### Cable Management

Support

#### Case Color

Black

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

1227 x 125.1 x 720.7 mm (48.31 x 4.93 x 28.37 inches)

#### Packaging Dimensions (WxDxH)

1370 x 185 x 850 mm (53.94 x 7.28 x 33.46 inches)

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

17.9 kg (39.5 lbs)

#### Packaging Weight

22.7 kg (50.1 lbs)

#### Mounting

Supports VESA mount 300 x 300 mm

#### Stand

Supports 0.1° to 5° tilt

#### In the Box

- 1x USB-C® to USB-C® cable (3m, 5Gbps)

- 1x Power cord for adapter (1m)
- 1x Power cord (2.8m)<sup>[3]</sup>
- 15x Screws
- 1x Screwdriver
- 2x Cable clip
- 2x Washer
- Remote controller battery
- Remote controller
- Core & Tiny cage
- 8x Expansion tubes
- iLFD Head
- Wall mount bracket
- Quick setup guide

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**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] 1.8m for TH

## CONNECTIVITY

### Network

#### Ethernet

Gigabit Ethernet, 1x RJ-45

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

#### Rear Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2) with USB PD 3.1 up to 96W and DisplayPort™ 1.4 Alt Mode HBR3, USB upstream
- 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), USB downstream
- 1x USB-B (USB 5Gbps / USB 3.2 Gen 1), USB upstream
- 2x HDMI® 2.1 TMDS, supports 3840x2160@60Hz
- 1x DisplayPort™ 1.4
- 1x DisplayPort™ 1.4 (Out)
- 1x line-out (3.5mm)
- 1x serial (9-pin, RS232)

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**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.

## 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: -10°C to 60°C (14°F to 140°F)  
Transport: -10°C to 60°C (14°F to 140°F)

### Relative Humidity

Operating: 10% to 80% non-condensing  
Storage: 10% to 80% non-condensing  
Transport: 10% to 80% non-condensing

## CERTIFICATIONS

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

#### Green Certifications

- ENERGY STAR® Certified
- EPEAT™ Silver Registered
- EU Energy Label (G-class)

#### 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® Flicker Free
- TÜV Rheinland® Low Blue Light (Hardware Solution)
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