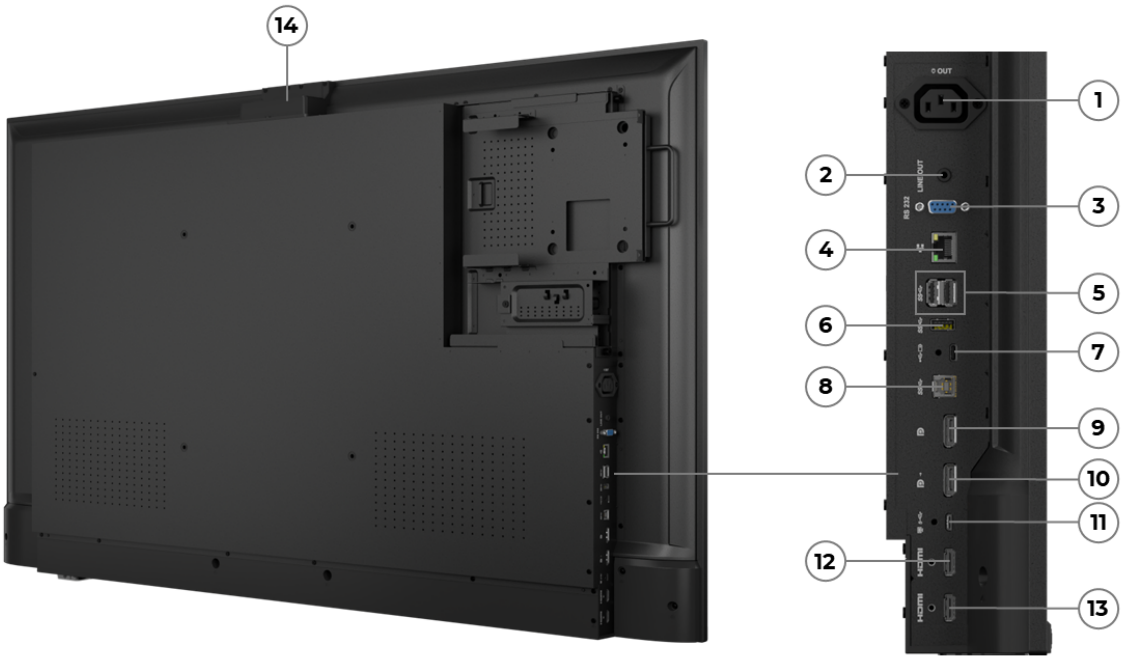
OVERVIEW



1. Power connector	8. USB-B (USB 5Gbps), USB upstream
2. Audio-out (3.5mm)	9. DisplayPort 1.4
3. Serial (RS232)	10. DisplayPort 1.4 out
4. Ethernet (GbE RJ-45)	11. USB-C (USB 5Gbps), 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

54.5 inches

Max View Area

WxH: 1209.6 x 680.4 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/m²

Contrast Ratio

Contrast Ratio: 5000:1

View Angle (H / V)

Horizontal: 178°, Vertical: 178°

Response Time

6.5 ms

Refresh Rate

60Hz

Color Gamut

72% NTSC (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

No bundled webcam (Support MC80L Gen2, sold separately)

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.
- Brightness Calibration
- KVM Switch
- 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

Bezel Width

- Side: 3.3mm
- Top: 2.6mm
- Bottom: 18.9mm

Cable Management

Support

Case Color

Black

Dimensions (WxDxH)[1]

1227 x 125 x 720.6 mm (48.31 x 4.92 x 28.37 inches)

Packaging Dimensions (WxDxH)

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

Weight[2]

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)
- 7x Screws

- 1x Screwdriver
- 2x Cable clip
- 2x Washer
- Remote controller battery
- Remote controller
- Wall Mount Bracket
- 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.

CONNECTIVITY

Network

Ethernet

Gigabit Ethernet, 1x RJ-45

Ports[1]

Rear Ports

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1) with 15W PD, data transfer only, USB downstream
- 1x USB-B (USB 5Gbps / USB 3.2 Gen 1), USB upstream
- 2x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x DisplayPort™ 1.4 (Out)
- 1x serial (9-pin, RS232)
- 1x audio-out (3.5mm)
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1) with USB PD 3.1 96W and DisplayPort™ 1.4 Alt Mode HBR3, USB upstream
- 4x USB-A (USB 5Gbps / USB 3.2 Gen 1), USB downstream

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.

SERVICE

Warranty

Base Warranty

3-year limited warranty

CERTIFICATIONS

Green Certifications[1]

Green Certifications

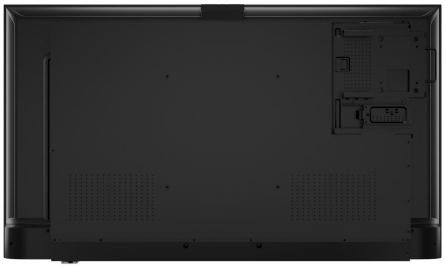
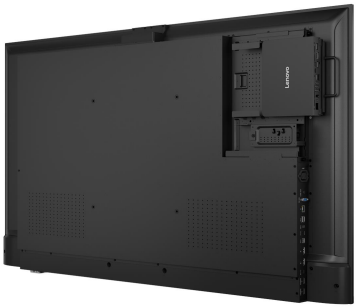
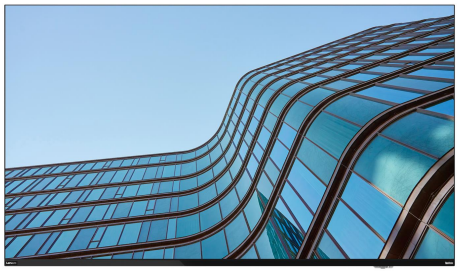
- ENERGY STAR® Certified
- EPEAT™ Silver Registered
- EU Energy Label (G-class)
- RoHS compliant

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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