OVERVIEW



1. USB-B Touch	12. LAN Out (RJ45 Out)
2. HDMI 2.0	13. USB 2.0
3. USB 3.0	14. AV In
4. USB-C 3.0	15. PC Audio
5. TF Card Slot	16. USB-C 3.0
6. Line-in (3.5mm)	17. 2x USB 3.0
7. SPDIF Out	18. DP
8. Line-out (3.5mm)	19. 3x HDMI 2.0
9. HDMI 2.0 Out	20. USB-B Touch
10. Serial (RS232)	21. VGA
11. LAN In (RJ45 In)	22. USB 2.0

PERFORMANCE

Panel

Panel

Vertical Alignment (VA)

Backlight

DLED

Display Size

86 inches

Max View Area

WxH: 1895.0 x 1066.0 mm

Resolution

3840 x 2160

Aspect Ratio

16:9

Pixel Pitch

0.4935 x 0.4935 mm

Dot / Pixel Per Inch

51 dpi

Brightness

400 cd/m²

Contrast Ratio

- Contrast Ratio: 4000:1
- Dynamic Contrast Ratio: 3M:1

View Angle (H / V)

Horizontal: 178°, Vertical: 178°

Response Time

6.5 ms

Refresh Rate

60Hz

Color Gamut

- 85% NTSC
- 99% sRGB

Color Support

1.07 Billion

Color Depth

10-bit

Screen Surface Treatment

Anti-glare

Smart System

Smart System

- Operating System: Android™ 9.0
- Quad Core™: ARM Cortex A73
- GPU: ARM Mali-G52 MC2
- Storage: 64 GB
- Memory: 4 GB

Operating System

Operating System

Android 9.0

Multi-Media

Camera

Detachable 4K 8MP Camera, Support Voice Tracking AI Feature

Microphone

8x microphone array

Speakers

Integrated Speakers, 2x 15W

Power Supply

Power Consumption

- Typical / Max: 350W / 410 W
- Sleep / Off mode: 43W
- Switch-off Mode: ≤0.5W
- Internal Power Supply

Voltage Required

AC 100 to 240 V (50-60Hz)

Special Features

Special Features

- HDR10 Compliance
- 1x Human Detection Sensor
- 1x Ambient Light Sensor

DESIGN

Display

Touchscreen

Infrared touch technology, supports 20-point touch, 1.0 mm touch accuracy, 3.2 mm touch glass, 7 Mohs glass hardness

Mechanical

Bezel Width

Side: 28.3mm

Case Color

Raven black

Dimensions (WxDxH)[1]

Models	Dimensions
Monitor Only	1982.0 x 92.0 x 1209.2 mm (78.0 x 3.6 x 47.61 inches)

Packaging Dimensions (WxDxH)

2119 x 275 x 1353 mm (83.4 x 10.8 x 53.3 inches)

Weight[2]

Models	Weight
Monitor Only	68 kg (150 lbs)

Packaging Weight

Monitor with W20 Dongle and iLFD Detachable Camera: 88 kg (194 lbs)

Mounting

Supports VESA mount 800 x 400 mm

In the Box

- 1x HDMI® cable
- 1x USB-A to USB-B Cable
- 1x Power cable
- 2x Stylus
- Detachable Camera
- Display with Wall Mount Bracket
- Quick Setup Guide

- Remote Control with Battery
- Warranty Booklet
- Wireless Projection Dongle

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

Support 10M / 100M / 1000M

WLAN + Bluetooth®

802.11ac 2x2 Wi-Fi® + Bluetooth 5.0, MIMO (both 2.4GHz and 5GHz bands)

Ports[1]

Front Ports

- 1x USB-C® 3.0
- 1x USB 3.0
- 1x USB-B Touch
- 1x HDMI 2.0

Top Ports

1x USB 2.0

Bottom Ports

- 1x AV In
- 1x HDMI 2.0 out
- 1x LAN in (RJ45 in)
- 1x LAN out (RJ45 out)
- 1x PC Audio
- 1x SPDIF out
- 1x TF Card slot
- 1x USB 2.0
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)
- 1x serial (RS232)

Left Ports

- 1x USB-C 3.0
- 1x USB-B Touch
- 2x USB 3.0
- 3x HDMI 2.0
- 1x DP
- 1x VGA

Right Ports

1x Power Connector

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

RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

Other Certifications

Other Certifications

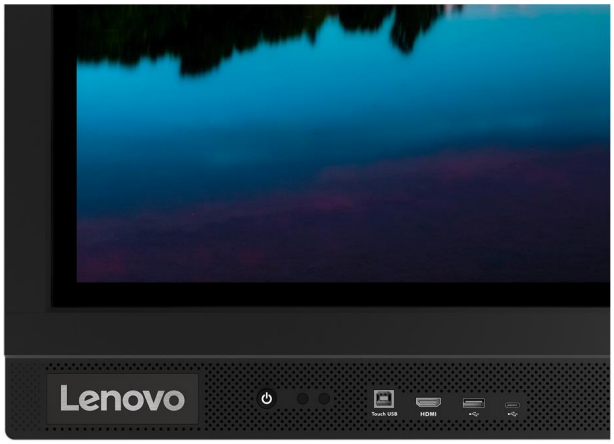
- TÜV Rheinland® Flicker Free
- TÜV Rheinland Low Blue Light

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