Lenovo Legion Y27h-30 66F6UAC3EU

Product

Lenovo Legion Y27h-30

Machine Type

66F6

Region

EMEA

Display Size

27"

View Area

596.7x335.7 mm

Panel

In-Plane Switching

Aspect Ratio

16:9

Resolution

2560x1440

Pixel Pitch

0.233x0.233 mm

Dot / Pixel Per Inch

109 dpi

View Angle (H / V)

178 / 178

Response Time

0.5 ms (MPRT) / 1 ms (Level 4) / 2 ms (Level 3) / 3 ms (Level 2) / 4 ms (Level 1) / 5 ms (Off)

Color Support

1.07 Billion

Refresh Rate

165 Hz (DP/Type-C) / 180 Hz (Overclock, DP/Type-C) / 144 Hz (HDMI)

Brightness

400 nits

Contrast Ratio

1000:1

Color Gamut

99% sRGB, 95% DCI-P3

Curvature

None

Anti-glare

Yes

Video Connector

2x HDMI 2.0, 1x DP 1.4, 1x USB-C 3.2 Gen 1

USB Port

4x USB 3.2 Gen 1

Network Connectivity

None

Camera

Modular Camera Support

Microphone

None

Speakers

2x 3W

Power Consumption (Typical / Maximum)

88w / 160w

Power Adapter

Integrated

Stand

Tilt, Swivel, Pivot, Height Adjust Stand

Color

Raven Black

Side Bezel Width

2 mm

Dimensions with Stand (HxWxD)

536.5x613.7x258.8 mm / 21.12x24.16x10.19 inches

Weight (Including Stand)

6.8 kg / 15.0 lbs.

Cables Included

DP cable. USB-C cable

Environmental Certification

RoHS

Ergonomic Certification

Eyesafe Display, TÜV Low Blue Light (Hardware solution), TÜV Rheinland Eye Comfort

Base Warrantv

3-year

Operating System Support

Support Windows 10, Windows 11

Svnc Technology

AMD FreeSync Premium, Adaptive Sync

ThinkCentre M Series Support

None

Processor

None

Touch Screen

None

Controller

None

Display Ram / Storage / Card Slot

None / None / None

EAN/UPC/JAN

0196800454201 / 196800454201 / None

Announce Date

2022-07-29

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Legion Y27h-30 Monitor

Display

Panel Size 27-inch

Screen Dimensions 608.8 mm x 355.1 mm

Panel Type 3-side NearEdgeless In-Plane Switching

Active Area 596.7 mm x 335.7 mm

Backlight WLED

Aspect Ratio 16:9

Resolution 2560 x 1440

Pixel Pitch 0.233 mm x 0.233 mm

Dot/Pixel Per Inch (DPI/PPI)

Viewing Angle (H x V @ CR 10:1) 178° / 178°

Response Time

0.5ms (MPRT1), 1ms (Level 4), 2ms (Level 3), 3ms (Level 2), 4ms (Level 1), 5ms (Off)

Refresh Rate

DP/Type-C2: 165Hz (Overclock to 180Hz3)

: 144Hz **HDMI**

Brightness (Typical) 400 cd/m²

Contrast Ratio (Typical) 1000:1

Dynamic Contrast Ratio (Typical)

Color Gamut (Coverage Ratio) 99% sRGB (CIE 1931). 95% DCI-P3 (CIE 1976)

Color Gamut (Color Area Ratio) 126% sRGB (CIE 1931)

Specifications may vary depending upon region.

Color Support 1.07 Billion

Color Depth 10-bit (8+FRC)

Processor LUT 10-bit

HDR Compliance Yes (DisplayHDR™ 400)

Anti-Glare

Connectivity

Video Signal

1 x USB Type-C² (DP 1.4 32.4 Gbps for 4 Lanes Alt Mode) 2 x HDMI 2.0 1 x DP 1.4

USB Hub Yes

USB Upstream 1 x USB 3.2 Gen 14 Type-B

USB Downstream 4 x USB 3.2 Gen 14 Type-A

Audio Signal

1 x Audio Out (3.5 mm)

USB Hub

USB Upstream 1 x USB 3.2 Gen 14 Type-B

USB Downstream 4 x USB 3.2 Gen 14 Type-A

Multimedia

Integrated Speakers Yes (2 x 3W)

Modular Camera Support Yes (Lenovo LC 50)

Special Features

Factory Calibration Yes (Avg. Delta E<2)

Software Lenovo Artery (Lenovo Display Control Center)5 Sync Technology AMD FreeSync™ Premium⁶ Adaptive Sync

Gaming Console Support

Natural Low Blue Light

Power

Power Consumption (Typ. / Max.) 88W / 160W

Power Consumption Sleep/Off Mode < 0.5W

Power Consumption Switch-off Mode < 0.3W

Power Supply Internal

USB Type-C2 (DP Alt Mode) Power Deliverv7 Up to 75W

Smart Power Yes

Voltage Required AC 100 to 240 V (50-60Hz)

Mechanical

Tilt Angle (Front / Back) -5° / 25°

Swivel Angle (Left / Right) -30° / 30°

Lift Range 135 mm

Pivot -90° / 90°

VESA Mount Capability Yes (100 x 100 mm)

Kensington Lock Slot Yes

Cable Management Yes

Bezel Color Raven Black

Bezel Width (Side) 2.0 mm

Bezel Width (Top / Bottom) 2.0 / 20.6 mm

Dimension

Size Packed (D x H x W) (mm/inch) 720.0 x 510.0 x 160.0 mm 28.35 x 20.08 x 6.30 inches

Size Unpacked w/ Stand (Lowest Position) (D x H x W) (mm/inch) 258.8 x 401.5 x 613.7 mm 10.19 x 15.81 x 24.16 inches

Size Unpacked w/ Stand (Highest Position) (D x H x W) (mm/inch) 258.8 x 536.5 x 613.7 mm 10.19 x 21.12 x 24.16 inches

Size Unpacked w/o Stand (Head Only) (D x H x W) (mm/inch) 61.0 x 365.9 x 613.7 mm 2.40 x 14.41 x 24.16 inches

Weight Packed (kg / lb) 9.8 kg / 21.6 lbs.

Weight Unpacked (kg / lb) 6.8 kg / 15.0 lbs.

Weight (Monitor Head Only) (kg / lb) 4.8 kg / 10.6 lbs.

What's in the Box

Monitor with Stand Yes

Power Cable (Cable Length) 1 x Power Cable (1.8m)

DP Cable (Cable Length) 1 x DP Cable (1.8m)

USB Cable (Cable Length) 1 x USB Type-C² Gen 2 Cable (1.0 m)

Factory Calibration Report Yes

Quick Setup Guide

Warranty Booklet

Certification

CCC Yes

Volatile Organic Compound Certification

Yes

RoHS (2011/65/EU)

Windows Certification Windows 10. Windows 11

China Energy Efficiency Standard

TÜV Rheinland Eye Comfort

TÜV Rheinland Low Blue Light (Hardware Solution)

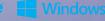
Eyesafe Display Certification







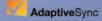
Yes











Noving Picture Response Time (MPRT) improves the response time and reduces motion blur in the monitor. Enabling MPRT will disable AMD FreeSync™ Premium technology, and you may notice a negligible flicker. | 2 USB Type-C* and USB-C* are registered trademarks of USB Implementers Forum. | 3 Overclocking at 180Hz is based on laboratory test data, and this function may cause irregularities in the display, 14 Depending on many factors such as the processing capability of peripheral devices, file attributes, and other factors related to system configuration and operating environments, the actual transfer rate using the various USB connectors on this device will vary and is typically slower than the data rates as defined by the respective USB specifications: 5 Gbit/s for USB 3.2 Gen 1; 10 Gbit/s for USB 3.2 Gen 2 & 20 Gbit/ only can work with AMD Radeon™ series graphics card. | 7 Listed as 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.

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