

# 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 Warranty

3-year

## Operating System Support

Support Windows 10, Windows 11

## Sync 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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Lenovo™

# 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)**  
109

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

**Response Time**  
0.5ms (MPRT<sup>1</sup>), 1ms (Level 4),  
2ms (Level 3), 3ms (Level 2),  
4ms (Level 1), 5ms (Off)

**Refresh Rate**  
DP/Type-C<sup>2</sup>: 165Hz (Overclock to  
180Hz<sup>3</sup>)  
HDMI : 144Hz

**Brightness (Typical)**  
400 cd/m<sup>2</sup>

**Contrast Ratio (Typical)**  
1000:1

**Dynamic Contrast Ratio (Typical)**  
3M:1

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

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

**Color Support**  
1.07 Billion

**Color Depth**  
10-bit (8+FRC)

**Processor LUT**  
10-bit

**HDR Compliance**  
Yes (DisplayHDR™ 400)

**Anti-Glare**  
Yes

## Connectivity

**Video Signal**  
1 x USB Type-C<sup>2</sup> (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 1<sup>4</sup> Type-B

**USB Downstream**  
4 x USB 3.2 Gen 1<sup>4</sup> Type-A

**Audio Signal**  
1 x Audio Out (3.5 mm)

**USB Hub**  
Yes

**USB Upstream**  
1 x USB 3.2 Gen 1<sup>4</sup> Type-B

**USB Downstream**  
4 x USB 3.2 Gen 1<sup>4</sup> 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)<sup>5</sup>

**Sync Technology**  
AMD FreeSync™ Premium<sup>6</sup>  
Adaptive Sync

**Gaming Console Support**  
Yes

**Natural Low Blue Light**  
Yes

## 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-C<sup>2</sup> (DP Alt Mode) Power Delivery<sup>7</sup>**  
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-C<sup>2</sup> Gen 2 Cable (1.0 m)

**Factory Calibration Report**  
Yes

**Quick Setup Guide**  
Yes

**Warranty Booklet**  
Yes

## Certification

**CCC**  
Yes

**Volatile Organic Compound Certification**  
Yes

**RoHS (2011/65/EU)**  
Yes

**Windows Certification**  
Windows 10, Windows 11

**China Energy Efficiency Standard**  
Tier 1

**TÜV Rheinland Eye Comfort**  
Yes

**TÜV Rheinland Low Blue Light**  
(Hardware Solution)  
Yes

**Eyesafe Display Certification**  
Yes



<sup>1</sup> Moving 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. | <sup>2</sup> USB Type-C\* and USB-C\* are registered trademarks of USB Implementers Forum. | <sup>3</sup> Overclocking at 180Hz is based on laboratory test data, and this function may cause irregularities in the display. | <sup>4</sup> 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/s for USB 3.2 Gen2x2. | <sup>5</sup> This software can only be used with Windows 10 & Windows 11. | <sup>6</sup> AMD FreeSync™ Premium technology only can work with AMD Radeon™ series graphics card. | <sup>7</sup> 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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