

Lenovo Legion Y27h-30 66F6UAC3US

Product

Lenovo Legion Y27h-30

Machine Type

66F6

Region

LA, NA

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

0196800454164 / 196800454164 / None

Announce Date

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

Refresh Rate
DP/Type-C²: 165Hz (Overclock to
180Hz³)
HDMI : 144Hz

Brightness (Typical)
400 cd/m²

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-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
Yes

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
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-C² (DP Alt Mode) Power Delivery⁷
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
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



¹ 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. | 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. | ⁴ 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. | ⁵ This software can only be used with Windows 10 & Windows 11. | ⁶ AMD FreeSync™ Premium technology 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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