

## Legion Y27f-30 Monitor

# Get your game on!

Experience every detail like it's real.

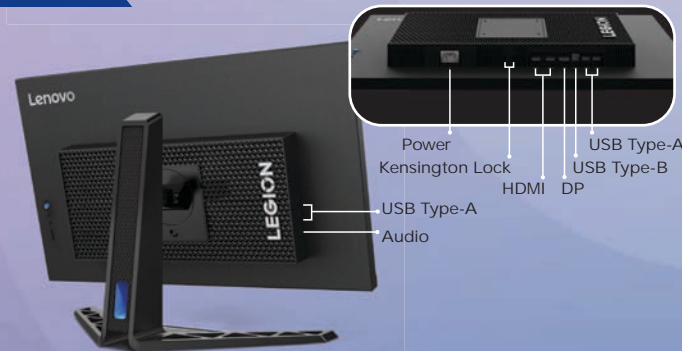
Immersive and responsive, the Lenovo Y27f-30 Monitor's 3-side NearEdgeless display makes your gaming experience bigger and better than before. Dodge bullets, lean into curves and move with the action as the In-Plane Switching Panel allows no distortion from any viewing angle. Enjoy visually absorbing, graphic richness with its 113.7% sRGB and 90.6% DCI-P3 color area. The Legion Y27f-30 Monitor supports HDR technology that is VESA certified DisplayHDR™ 400 which helps to get vivid and richer with deep blacks and brighter whites. Be unstoppable with its swift 280Hz (Overclock from 240Hz<sup>1</sup>) refresh rate that eliminates latency for fluid, stutter-free video. Never miss a shot with the quick 0.5ms MPRT<sup>2</sup> response time. Power through in action-packed sequences as AMD FreeSync™ Premium<sup>3</sup> and VESA Adaptive Sync technologies eliminate screen tearing for swift, seamless movements. The Legion Y27f-30 Monitor is more than easy on the eyes with in-built Natural Low Blue Light technology that reduces harmful blue light emission without color distortion for optimal eye comfort. Lock and load your preferred display preferences with preloaded Lenovo Artery Software<sup>4</sup>. Complete your gaming setup by connecting your PC and accessories through the HDMI 2.0, DP 1.4, USB, and audio-out ports. You might take a hit on the battlefield but you'll be perfectly comfortable in your seat as the monitor's ergonomic stand offers lift, tilt, pivot, and swivel functions that flex to keep you at ease. Rest assured that you're doing your bit for the environment as this monitor uses recyclable material in its construction, and comes enveloped in green paper pulp packaging. If you're looking for a formidable gaming ally, the Legion Y27f-30 Monitor has all the ammunition you need.

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## Features of Legion Y27f-30 Monitor



### Impressive imagery, responsive gameplay

The Legion Y27f-30 Monitor's 27-inch display offers a generous playing field. Enjoy lightning-fast moves with its incredibly zippy 280Hz (Overclock from 240Hz<sup>1</sup>) refresh rate and 0.5ms (MPRT<sup>2</sup>) response time that ensures swifter, smoother, and more responsive gaming action so you're always bang on target. AMD FreeSync™ Premium<sup>3</sup> and VESA Adaptive Sync technologies prevent screen tearing during fast action scenes, delivering a superlative, uninterrupted gaming experience.

### Vivid graphics are the MVP

Enjoy wider distortion-free viewing angles with the Legion Y27f-30 Monitor's In-Plane Switching screen. With a 113.7% sRGB and 90.6% DCI-P3 color area, it renders colors that are accurate at Avg. Delta E<2 and consistent across viewing angles. Its HDR technology which has VESA certified DisplayHDR™ 400 renders punchier brightness and deeper blacks for more vivid contrast. Two HDMI 2.0, a DP 1.4, four USB-A ports, and an audio out port let you easily connect your gaming console and audio peripherals to the monitor.

### Get comfortable with winning

The Legion Y27f-30 Monitor's Natural Low Blue Light technology eliminates harmful blue light without color distortion so your eyes are fatigue-free even after hours of screen time. The monitor's lift, tilt, pivot, and swivel functions flex for your comfort while a clever integrated phone stand keeps your phone in view. Lenovo Artery Software<sup>4</sup> offers quick and easy access to calibrate display settings, and some awesome gaming tools including aim pointer, refresh rate monitor, and timer to elevate your gaming experience.

<sup>1</sup> Overclocking at 280Hz is based on laboratory test data, and this function may cause irregularities in the display. | <sup>2</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>3</sup> AMD FreeSync™ Premium technology only can work with AMD Radeon™ series graphics card. | <sup>4</sup> This software can only be used with Windows 10 & Windows 11.

# Legion Y27f-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**  
1920 x 1080

**Pixel Pitch**  
0.311 mm x 0.311 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
81

**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 Mode)

**Refresh Rate**  
240Hz (Overclock to 280Hz<sup>2</sup>)

**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),  
89.4% DCI-P3 (CIE 1976)

**Color Gamut (Color Area Ratio)**  
113.7% sRGB (CIE 1931),  
90.6% DCI-P3 (CIE 1976)

**Color Support**  
16.7 Million

**Color Depth**  
8-bit

**Processor LUT**  
8-bit

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

**Anti-Glare**  
Yes

## Connectivity

**Video Signal**  
2 x HDMI 2.0  
1 x DP 1.4

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

**USB Hub**  
Yes

**USB Upstream**  
1 x USB 3.2 Gen 1<sup>3</sup> Type-B

**USB Downstream**  
4 x USB 3.2 Gen 1<sup>3</sup> Type-A

## Multimedia

**Integrated Speakers**  
Yes (2 x 3W)

**Modular Camera Support**  
Yes (LC50)

## Special Features

**Factory Calibration**  
Yes (Avg. Delta E<2)

**Software**  
Lenovo Artery (Lenovo Display  
Control Center)<sup>4</sup>

**Sync Technology**  
AMD FreeSync™ Premium<sup>5</sup>  
Adaptive Sync

**Gaming Console Support**  
Xbox/PS5

**Natural Low Blue Light**  
Yes

## Power

**Power Consumption (Typ. / Max.)**  
33.1W / 76.6W

**Power Consumption Sleep/Off Mode**  
< 0.5W

**Power Consumption Switch-off Mode**  
< 0.3W

**Power Supply**  
Internal

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

## Mechanical

**Tilt Angle (Front / Back)**  
-5° / 25°

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

**Lift (Max. 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 mm / 20.6 mm

## Dimension

**Size Packed (D x H x W) (mm/inch)**  
160.0 x 510.0 x 720.0 mm  
6.30 x 20.08 x 28.35 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/ 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/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)**  
9.6 kg / 21.2 lbs.

**Weight Unpacked (kg / lb)**  
6.4 kg / 14.1 lbs.

**Weight (Monitor Head Only) (kg / lb)**  
4.4 kg / 9.7 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-A to Type-B  
Cable (1.8m)

**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

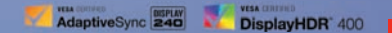
**EU Energy Level Certification**  
Yes (Level-E)

**China Energy Efficiency Standard**  
Tier 1

**TÜV Rheinland Eye Comfort**  
Yes (2.0)

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

**Eyesafe Display Certification**  
Yes (Eyesafe 2.0)



This datasheet is for CES 2023 only. Images, and specs may change until the final release of the product.

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Specifications may vary depending upon region.