Legion Y27h-30 Monitor

Gaming or hybrid work - master it all.

A display of clarity, power, and speed.

The feature-rich Legion Y27h-30 Monitor is designed to be a portal to your gaming universe. Prepare for breath-taking gaming spectacles with a 27-inch In-Plane Switching screen that seamlessly accommodates your viewing field. Feel the adrenaline rush as the QHD (2560 x 1440) high-resolution display coupled with an extreme 180Hz[1] overclocked refresh rate and super low 0.5ms MPRT[2] response time renders fast moving visuals with surprising clarity so you can react faster and strike first. The monitor comes preloaded with Adaptive Sync and AMD FreeSync™ Premium[3] technologies so you experience smoother, fluid gameplay without screen tearing and stuttering. The Legion Y27h-30 Monitor supports 126% sRGB color area ratio, 95% DCI-P3 color gamut, and Avg. Delta E<2, perfectly complemented by DisplayHDR™ 400 to reproduce strikingly life-like imagery and strikingly clear details. Universal connectivity with a USB Type-C[4] port allows you to connect and display your PC, phone or other devices and charge them simultaneously them via 75W power delivery[5]. Enjoy prolonged gaming sessions without straining your eyes with the screen's built in Natural Low Blue Light technology that protects your eyes while retaining color fidelity. Lenovo Artery Software[6] keeps pace with its range of smart features to optimize your experience. Get the Legion Y27h-30 Monitor today and relish a heart-thumping gaming experience.

Features of Legion Y27h-30 Monitor

AdaptiveSync

0.5ms MPRT   180Hz

AMD FreeSync Premium

Without AMD FreeSync™ Premium Technology[3]

With AMD FreeSync™ Premium Technology[3]

VESA CERTIFIED DisplayHDR™ 400

126% sRGB 95% DCI-P3

Winning display.

Don't miss any action on the game field with the Legion Y27h-30's 27-inch QHD (2560 x 1440) resolution screen. With an overclocked refresh rate of 180Hz[1] and 0.5ms MPRT[2] response time, eliminate stuttering and ghosting so you catch every twist and turn in the game. The monitor comes preloaded with Adaptive Sync and AMD FreeSync™ Premium[3] technologies sync the monitor's refresh rates with the GPU's output frame rates making sure your input and the resulting action on the screen happen almost simultaneously. It also means that you experience smoother, fluid gameplay without screen tearing and stuttering.

See clearly. Strike accurately.

Gamers, content creators, video editors, and designers will love the colors and clarity the Legion Y27h-30 Monitor offers. The monitor's 126% sRGB color area ratio with 95% DCI-P3 color gamut helps you see gaming scenes with outstanding color accuracy and clarity. Its In-Plane Switching technology ensures vivid colors no matter which angle you view it from. It comes with DisplayHDR™ 400 support that renders bright and dark parts more pronounced in HDR-capable games and video, to deliver realistic visuals with deeper colors, shadows, and silhouettes that effortlessly draw you into every scene. In-built Natural Low Blue Light technology reduces harmful blue light emissions so you can binge on gaming without visual strain.

Play comfortably, win comfortably.

Fast and powerful, the USB Type-C[4] port lets you charge-up and transfer data swiftly, also allows for great video output. It also helps enhance your productivity by allowing you to connect and easily switch between computers, phones, and tablets. The Legion Y27h-30 Monitor's ergonomic stand makes room for enhanced user comfort with its lift, tilt, pivot, and swivel functions. It also has a phone holder that keeps your phone in sight and off your desk. Two built-in 3W speakers elevate your audio-visual experience. The HDMI 2.0 and DP 1.4 connection ports establish faster connections. Lenovo Artery Software[6] delivers built-in gaming tools like gaming dashboard, show frame rate, show timer, show aim point, and shortcut key settings, with the ability to set different user profiles for different functions.

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-C[2] : 165Hz (Overclock to
180Hz[3])
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-C[2] (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[4] Type-B

USB Downstream
4 x USB 3.2 Gen 1[4] Type-A

Audio Signal
1 x Audio Out (3.5 mm)

USB Hub
Yes

USB Upstream
1 x USB 3.2 Gen 1[4] Type-B

USB Downstream
4 x USB 3.2 Gen 1[4] 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™ Premium[6]
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[2] (DP Alt Mode) Power
Delivery[7]**
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[2] 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

**Smarter
technology
for all**

Lenovo