# LEGION

# LENOVO LEGION Y27q-20

## DISPLAY YOUR POWER. DISPLACE YOUR RIVALS.

The Lenovo Legion Y27q-20 gaming monitor delivers an immersive gaming experience that's sure to get your pulse racing. The IPS wide viewing angle panel ensures stunning clarity with true colors. A 1ms response time and 165 Hz refresh rate give you the edge when it matters most. The innovative AMD Radeon™ FreeSync™ technology\* takes gameplay to a whole new level, churning out ultra-smooth visuals, reducing screen tearing and motion blur.

\*AMD Radeon™ FreeSync™ technology is compatible only with select AMD APUs and GPUs

## VICTORY IS IN SIGHT



Enhanced Gaming Experience



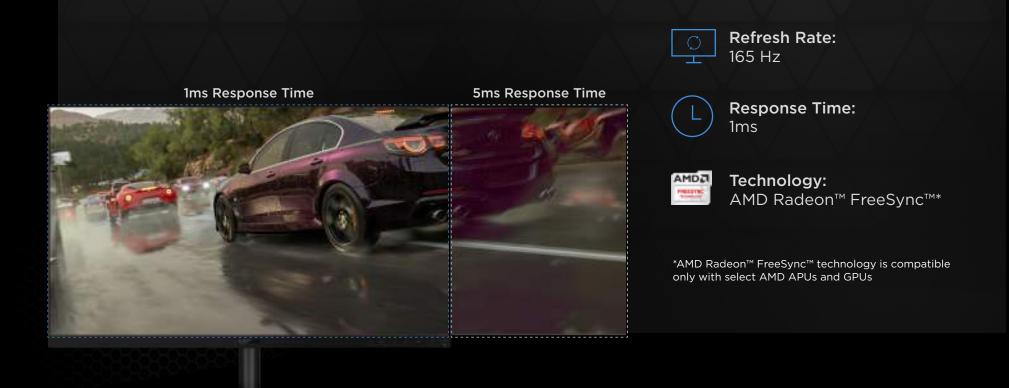


**Superior Ergonomic** 



## FLUID DISPLAY WITH UNPARALLELED QUALITY

Graphics-intensive games are handled with ease thanks to a 165 Hz refresh rate and rapid 1ms response time that minimize motion blur, input lag, and screen tearing. Experience uninterrupted gameplay with the innovative AMD Radeon<sup>™</sup> FreeSync<sup>™</sup> technology<sup>\*</sup> that dynamically manages refresh rates in real time to ensure smooth rendering. FreeSync<sup>™</sup>\* effectively communicates with the GPU to optimize frame sync and eliminate display stuttering.



### **INCREDIBLY IMMERSIVE FOR THE MAXIMUM ADVANTAGE**

Rule the battlefield with the impressive 27-inch screen and 2560 x 1440 resolution that reduce ghosting in high-res games so you can spot every detail. Gameplay comes alive on the Legion Y27q-20, boasting a DCI-P3 98% color gamut that produces incredibly vivid colors. The IPS panel offers an ultra-wide viewing angle of 178° that lets you see more and do more with your Legion. Designed to optimize overall visuals with a NearEdgeless QHD, anti-glare display, and narrow bezels so you can focus on the game. Optional USB speakers with Harman Kardon sound augments the audio-visual experience on the Y27q-20 display.



Display: IPS wide viewing angle panel



**Resolution:** QHD (2560 x 1440), DCI-P3 98% color gamut



## Audio:

**Optional monitor USB speaker** with sound by Harman Kardon



### COMFORT AND STYLE THAT'S EASY ON THE EYES

Game for longer hours without straining your eyes on the Y27q-20 that is TÜV Rheinland Eye Comfort certified. Flicker-free technology and reduced reflections make for comfortable gaming, while the blue light reduction function lets you tailor the display precisely to your needs. Sturdy yet flexible, the ergonomically designed monitor stand with VESA mount capability as well as lift, tilt, pivot, and swivel functionalities ensure you're always comfortable while gaming. Connectivity is a breeze on the Y27q-20 that comes equipped with USB 3.1 ports, an HDMI 1.4 port, a DP 1.2 port, and an audio combo jack for both input and output. The integrated headphone hook on the side of the monitor ensures your space is clutter-free. The Lenovo Artery 2.0 software provides enhanced customization options to manage and configure the monitor.



## **TECH SPECS**

#### DISPLAY

Panel Size 27-inch

Screen Dimensions (H x V) 608.8 x 355.1 mm / 23.97 x 13.98 inches

Panel Type IPS

Backlight WLED

#### MULTIMEDIA

**Optional Speakers Support** Yes (Monitor USB Speaker with Sound by Harman Kardon)

#### SPECIAL FEATURES

Sync Technology AMD Radeon<sup>™</sup> FreeSync<sup>™</sup>\*

Software Lenovo Artery 2.0\*\*

#### DIMENSIONS

Size Packed (D x H x W) 715.0 x 225.0 x 480.0 mm / 28.14 x 8.86 x 18.90 inches

Size Unpacked w/stand (D x H x W) (mm/inch) (Lowest position) 284.4 x 468.9 x 614.0 mm / 11.20 x 18.46 x 24.17 inches

Size Unpacked w/stand ( $D \times H \times W$ ) (mm/inch) (Highest position) 284.4 x 598.9 x 614.0 mm / 11.20 x 23.58 x 24.17 inches

Aspect Ratio 16:9

Resolution 2560 x 1440

Pixel Pitch (H x V) 0.2331 x 0.2331 mm

Dot/Pixel Per Inch (DPI/PPI) 109

Viewing Angle (H x V) 178° / 178°

Response Time (gray to gray) 1ms (Extreme mode) 3ms (Normal mode)

**Refresh Rate** 165 Hz (Max)

**Brightness** 350 cd/m<sup>2</sup> (Max) 280 cd/m<sup>2</sup> (Min)

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

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

Color Gamut (1931) DCI-P3 98%

**Color Support** 1.07 Billion

Anti-glare Yes

#### CONNECTIVITY

Video Signal 1 x HDMI 1.4 1 x DP 1.2

**Audio Signals** 1 x Audio combo

**USB Hub** Yes

**USB** Upstream 1 x USB Type-B

**USB** Downstream 3 x USB 3.1 Type-A

#### POWER

Power Consumption (Typ./Max) 50 W / 90 W

**Power Consumption Sleep Mode** <0.5 W

**Power Consumption Switch-off** Mode <0.5 W

Power Supply External

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

#### MECHANICAL

Tilt Angle (front/back) -5° / 22°

Swivel Angle (left/right) -15° / 15°

Lift Yes (130 mm)

Pivot -90° / 90°

**VESA Mount Capability** Yes (100 x 100 mm)

Kensington<sup>™</sup> Lock Slot Yes

**Cable Management** Yes

**Retractable Headphone Hook** Yes

**Bezel Color Raven Black** 

**Bezel Width** 2.0 mm / 0.08 inch (side) 2.0 mm / 0.08 inches (top) 23.6 mm / 0.93 inches (bottom) Size Unpacked w/o stand ( $D \times H \times W$ ) (mm/inch) (Head Only) 63.4 x 368.7 x 614.0 mm / 2.50 x 14.52 x 24.17 inches

Weight Packed 9.70 kg / 21.38 lbs.

Weight Unpacked 6.77 kg / 14.92 lbs.

Weight (Monitor Head Only) 4.37 kg / 9.63 lbs.

#### WHAT'S IN THE BOX

1 x Monitor with stand 1 x Monitor base 1 x Monitor USB Speaker (optional) 1 x HDMI Cable (1.8 m)  $1 \times DP$  Cable (1.8 m) 1 x USB Type A-B Cable (1.8 m) 1 x Power Adapter and Power Cord (1 m) Quick Setup Guide

#### CERTIFICATIONS

CCC Yes

RoHS (EU 2002/95/EC) Yes

Windows Certification Windows 7, Windows 10

**China Energy Efficiency Standard** Tier 2

**TÜV Rheinland Eye Comfort** Yes



Windows<sup>®</sup>

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