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 In-Plane Switching (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. nnovative NVIDIA® G-SYNC® Compatible technology take churning out ultra-smooth visuals, reducing screen tearing and motion blur.

Enhanced Gaming

VICTORY IS IN SIGHT



Experience



Experience

IPS Gaming

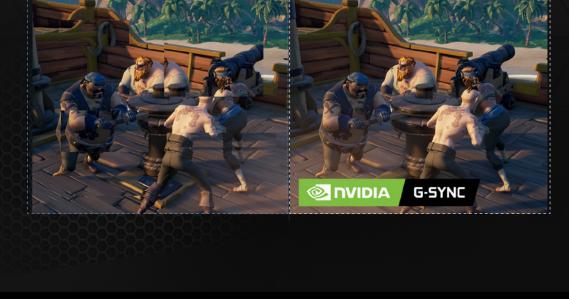


Superior Ergonomic

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

FLUID DISPLAY WITH UNPARALLELED QUALITY

with the innovative NVIDIA® G-SYNC® Compatible* technology** that dynamically manages refresh rates in real-time by communicating with the graphics card. These latest technologies ensure smooth rendering and eliminate display stuttering even when playing fast games. No G-SYNC® Compatible **G-SYNC®** Compatible Technology:



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Refresh Rate:

NVIDIA® G-SYNC® Compatible*



Response Time: 1ms

**NVIDIA® G-SYNC® eliminates tearing, artifacts, and flicker when used with GeForce® graphics cards.

165 Hz

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

INCREDIBLY IMMERSIVE FOR THE MAXIMUM ADVANTAGE

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 augment the audio-visual experience on the Y27q-20 display.



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

IPS wide viewing angle panel

Display:

Audio:



Optional monitor USB speaker with sound by Harman Kardon

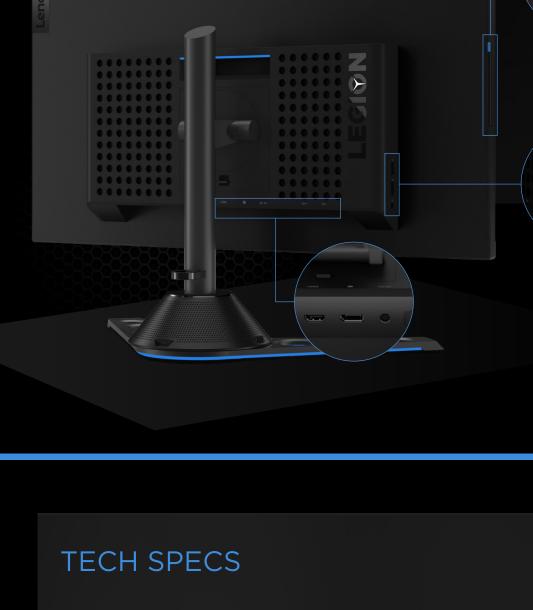


light reduction function lets you tailor the display precisely to your needs. Sturdy yet flexible, the ergonomically designed monitor stand with VESA mount capability as well as lift, tilt, pivot, and swivel functionalities ensure you're always comfortable while gaming. Connectivity is a breeze on the Y27q-20 that comes equipped with USB 3.1 ports, an HDMI 2.0 port, a DP 1.4 port, and an audio

COMFORT AND STYLE THAT'S EASY ON THE EYES

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. **Certification:** TÜV Rheinland Eye Comfort

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





Software: Lenovo Artery 2.0

Ergonomic stand, VESA mount

User Comfort:



27-inch Screen Dimensions (H x V) 608.8 x 355.1 mm /

23.97 x 13.98 inches

Panel Type **IPS**

Aspect Ratio

WLED

DISPLAY

Panel Size

16:9 Resolution 2560 x 1440

Pixel Pitch (H x V)

0.2331 x 0.2331 mm

Viewing Angle (H x V)

Dot/Pixel Per Inch (DPI/PPI)

178° / 178°

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

Refresh Rate 165 Hz (Max)

Brightness $350 \text{ cd/m}^2 \text{ (Max)}$ 280 cd/m² (Min)

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

3M:1 Color Gamut (1931) DCI-P3 98%

Color Support 1.07 Billion

CONNECTIVITY

Anti-glare

Video Signal 1 x HDMI 2.0 1 x DP 1.4

Audio Signals 1x Audio combo

USB Hub Yes

USB Upstream

1x USB Type-B **USB Downstream**

3 x USB 3.1 Type-A

NVIDIA® G-SYNC® Compatible* Software Lenovo Artery 2.0** Backlight

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

Power Consumption Sleep Mode

MULTIMEDIA

Sync Technology

Optional Speakers Support

SPECIAL FEATURES

Yes (Monitor USB Speaker with Sound by Harman Kardon)

< 0.5 W

External

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

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™ Lock Slot Yes

Cable Management Yes

Retractable Headphone Hook

Raven Black **Bezel Width** 2.0 mm / 0.08 inch (side)

Bezel Color

2.0 mm / 0.08 inches (top) 23.6 mm / 0.93 inches (bottom)

*NVIDIA" G-SYNC" Compatible works only with Compatible NVIDIA" GeForce" graphics card

(Lowest position)

(Highest position)

Weight Packed

284.4 x 468.9 x 614.0 mm /

11.20 x 18.46 x 24.17 inches

284.4 x 598.9 x 614.0 mm /

11.20 x 23.58 x 24.17 inches

Size Unpacked w/o stand (D x H x W) (mm/ inch) (Head Only) 63.4 x 368.7 x 614.0 mm / 2.50 x 14.52 x 24.17 inches

Size Unpacked w/stand (D x H x W) (mm/inch)

Size Unpacked w/stand (D x H x W) (mm/inch)

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 base 1 x Monitor USB Speaker (optional) 1 x HDMI Cable (1.8 m)

1 x Monitor with stand

1 x DP Cable (1.8 m) 1 x USB Type A-B Cable (1.8 m) 1x Power Adapter and Power Cord (1 m) **Quick Setup Guide**

CERTIFICATION CCC

Yes

RoHS (EU 2002/95/EC) Yes **Windows Certification** Windows 7, Windows 10

China Energy Efficiency Standard Tier 2

Yes



TÜV Rheinland Eye Comfort

DIMENSION 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

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 3.1 Gen1; 10 Gbit/s for USB 3.1 Gen2 & 20 Gbit/s for USB 3.2.

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