LEGION

LENOVO LEGION Y27gq-20 THE MIGHTY GAME CHANGER

The Lenovo Legion Y27gq-20 is an ultra-responsive gaming monitor with impressive features to add maximum thrill to your gameplay. Designed to meet the unique requirements of avid gamers, this 27-inch monitor with NVIDIA[®] G-SYNC[™] technology, 165 Hz refresh rate, and 1ms response time delivers superior performance every time. The NearEdgeless QHD, anti-glare display, and optional monitor USB speaker with sound by Harman Kardon provide stunning audio-visual quality for an optimized gaming experience.

STEP UP YOUR GAME

Seamless Gaming Experience



No Ghosting or Motion Blur



Brilliant Ergonomic

INSTANTANEOUS RESPONSE FOR THE ULTIMATE GAMING EXPERIENCE

For time-critical games where every millisecond counts, the winning combination of the 165 Hz refresh rate and 1ms extreme response time eliminates streaking, ghosting, and motion blur to give you a competitive edge. The NVIDIA® G-SYNC[™] technology* on the Lenovo Legion Y27gq-20 dynamically matches the refresh rate of the display to the frame rate output of the GPU. This helps eliminate screen tearing, prevent display stutter, and minimize input lag, allowing you to enjoy ultra-responsive and distraction-free gaming.



*NVIDIA® G-SYNC™ can only work with NVIDIA® GeForce™ series graphics card. Users need to enable the G-SYNC™ function in NVIDIA® Control panel.

SUPERIOR AUDIO-VISUAL QUALITY FOR IMMERSIVE GAMING



The Y27gq-20 gaming-focused monitor, featuring a NearEdgeless QHD, anti-glare display with 2560 x 1440 resolution produces outstanding visuals with vivid clarity to boost your gaming sessions. The anti-glare screen eliminates distracting reflections, while the TÜV Eye Comfort minimizes harmful blue light emission, allowing you to play your favorite games for extended hours without causing eye strain. The optional monitor USB speaker with sound by Harman Kardon offers stunning audio quality to amplify your gaming experience further.



Audio: Monitor USB speaker with sound

NearEdgeless QHD,

Display:

anti-glare

by Harman Kardon*

Certification: TÜV Eye Comfort

*Optional

OPTIMIZED USER COMFORT FOR ENJOYABLE GAMEPLAY

Multiple I/O ports such as HDMI 1.4, DP 1.2, USB 3.0, and audio combo jack on the Lenovo Legion Y27gq-20 offer advanced connectivity to peripheral devices. The ergonomic stand with lift, tilt, pivot, and swivel functions allow you to adjust the monitor to your convenient viewing angle. Mount this VESA-compatible monitor on the wall to free up valuable desk space. After every gaming session, you can easily place your headset on the retractable headset hook at the side of the monitor head. Additionally, the Lenovo Artery 2.0 software enables you to customize and change the monitor settings, including scenario mode, desktop partition, refresh rate, resolution, PIP (picture-in-picture) and PBP (picture-by-picture) modes to suit your gaming preferences.

Improved User Experience: Lenovo Artery 2.0, Retractable headset hook

> **Ultimate Comfort** and Convenience: Ergonomic stand, VESA mount capability

TECH SPECS

DISPLAY

Panel Size 27-inch

MULTIMEDIA

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

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

Screen Dimensions (H x V) 596.74 x 335.66 mm / 23.49 x 13.21 inches

Panel Type ΤN

Backlight WLED

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 $(H \times V)$ 170° / 160°

Response Time (gray to gray) 1ms (Extreme mode) 2ms (Typical mode) 5ms (Normal mode)

Refresh Rate 165 Hz (Max)

Brightness 350 cd/m^2 (peak) 300 cd/m^2 (typical)

Contrast Ratio (typical) 1000:1

Dynamic Contrast Ratio (typical) 3M:1

Color Gamut (1931) 72% NTSC

Color Support 16.7 Million

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, 3 x USB 3.0

USB Upstream 1 x USB 3.0 Type-B

USB Downstream 3 x USB 3.0 Type-A (1 with BC 1.2)

SPECIAL FEATURES

G-SYNC/FreeSync NVIDIA[®] G-SYNC^{™*}

Software Lenovo Artery

POWER

Power Consumption (Typ./Max) 48 W / 96 W

Power Consumption Sleep Mode <0.5 W

Power Consumption Switch-off Mode <0.5 W

Power Supply External

Voltage Required 100-240 VAC (50/60 Hz)

MECHANICAL

Tilt Angle (front/back) -5° / 21°

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

Headphone Hook Yes

Bezel Color Raven Black

Bezel Width 2.0 mm / 0.08 inch (side) 2.0 mm / 0.07 inches (top) 23.6 mm/ 0.92 inches (bottom)

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

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

Weight Packed 9.77 kg / 21.53 lbs.

Weight Unpacked 6.65 kg / 14.66 lbs.

Weight (Monitor Head Only) 4.35 kg / 9.59 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 x DP Cable (1.8 m) 1 x USB Type A-B Cable (1.8 m) 1 x Power Cord (1.8 m) Quick Setup Guide

CERTIFICATIONS

ENERGY STAR® Rating 7.1

CCC Yes

TCO 7.0

RoHS (EU 2002/95/EC) Yes

Windows Certification Windows 7, Windows 10

China Energy Efficiency Standard Tier 2

TÜV Eye Comfort Yes



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