



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 Design

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.



Technology: NVIDIA® G-SYNC™



Refresh Rate: 165 Hz



Response Time: 1ms

*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.



Display: NearEdgeless QHD, anti-glare



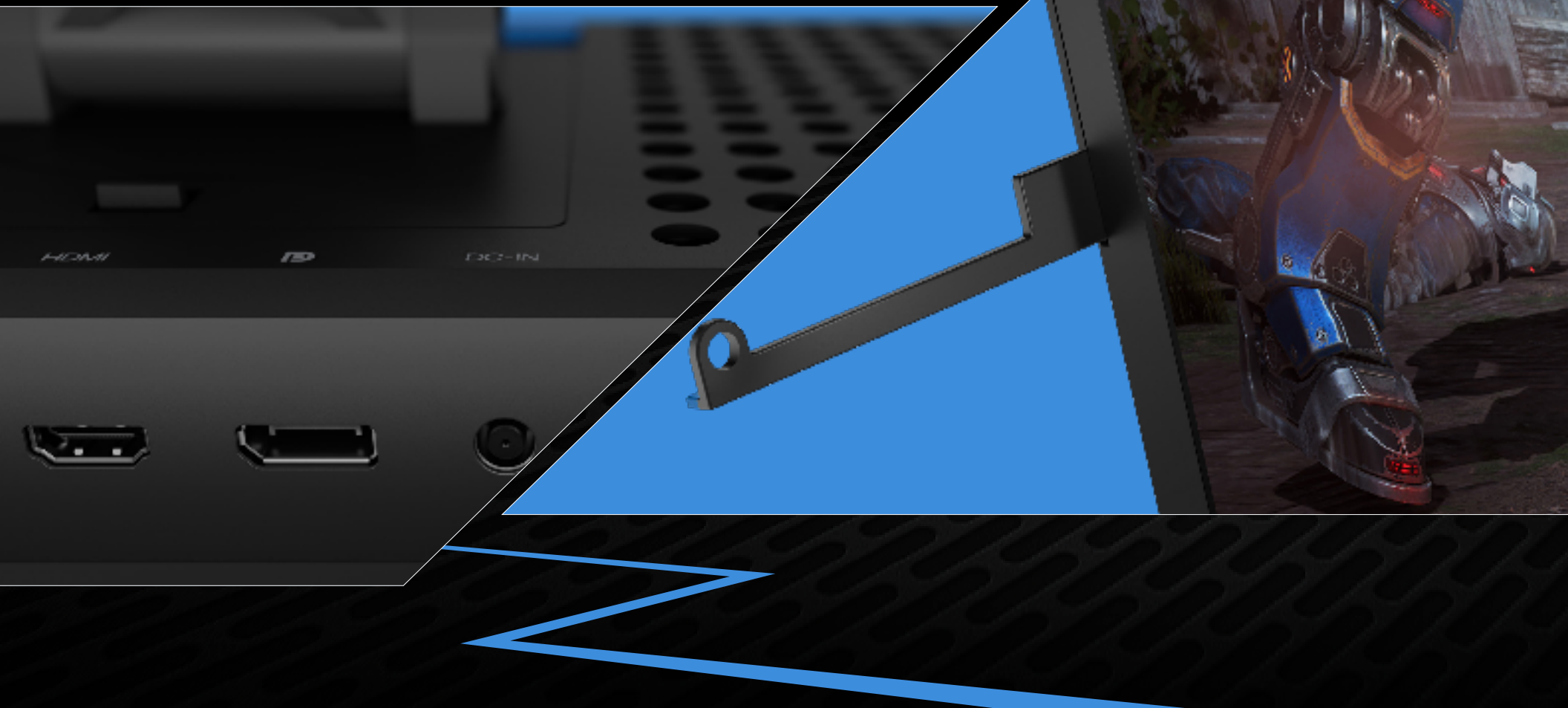
Audio: Monitor USB speaker with sound by Harman Kardon*



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

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

Panel Type
TN

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 x 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/m² (peak)
300 cd/m² (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)

MULTIMEDIA

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

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)

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 x H x 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
6.66 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
71

CCC
Yes

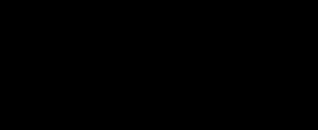
TCO
7.0

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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