

# LENOVO G27q MONITOR

## LEVEL UP YOUR GAME

SMOOTHER ACTION, SUPERB CLARITY, AND NEXT-LEVEL REALITY POWERED BY NVIDIA® G-SYNC® COMPATIBLE TECHNOLOGY.

Lenovo G27q-20 brings games to the screen the way they were meant to be seen. In fact, you could almost say it brings them to life with a 27-inch, 2560 x 1440 QHD resolution In-Plane Switching panel display that delivers crystal-clear detail and true-to-life lighting that shine out at 400 cd/m² thanks to HDR decoding¹ that recreates the original image in real time.

Gameplay is glacier smooth and rapier fast, so it feels more natural. And that's down to a rapid 165Hz refresh rate, 1ms MPRT² response time and NVIDIA® G-SYNC® Compatible³ technology working together to deliver synced up frames in minimal times so there's no messed-up stuttering images or torn frames. To drop players into a deeper sense of reality, G27q-20 renders the world on screen in over 1 billion colors, more than the human eye can differentiate between, with its 99% sRGB color space and 10-bit color.

Everything about the monitor is engineered to be smooth. Even down to its accompanying Lenovo Artery software⁴—Lenovo's exclusive display management software that lets users tweak screen performance to optimize gameplay through the convenient interface on their PC. The monitor can also protect users from digital eye strain through TÜV Rheinland Low Blue Light and TÜV Rheinland Flicker Free certified technology that removes harmful blue wavelengths and cuts out annoying flicker.

Peer beneath the screen and G27q-20 has a future-chic, Vector V-shaped base that's equally good-looking, now upgraded with modern blue accents to add a contemporary edge to any desk space. And that stand lifts the screen head a full 130 mm as well as tilting it between -5° and 22° to always be in the most comfortable position for viewers to get the very best from their experience.

### FEATURES OF LENOVO G27q-20 MONITOR

10-bit  
color

99%  
sRGB

#### Clear your way to win

G27q-20's 27-inch In-Plane Switching panel display renders stunning, undistorted game graphics at the widest possible viewing angles. At 400 cd/m², images shine bright and with HDR decoding happening in real time, each picture is restored to its original values to make every scene resonate with life-like quality. And vibrant, accurate colors are rendered in a 99% sRGB color gamut with 10-bit color. With its superfine QHD 2560 x 1440 resolution, every detail is sharp and clear, so players will never miss critical information on their mission.

With NVIDIA®  
G-SYNC®

Without  
NVIDIA®  
G-SYNC®

#### Make your move smooth

It's flow-motion all the way with G27q-20's quick-on-the-draw capabilities. No matter how intense the gameplay, gamers can enjoy smoother movement thanks to the monitor's rapid screen refresh rate of 165Hz, more natural motion due to its minimal MPRT² response time of 1ms and no image tearing thanks to NVIDIA® G-SYNC® Compatible³ technology. Now, pulling away at top speeds means nothing but smooth, fluid movement while torn frames, image lag and motion blur are all left in the dust.

TÜV  
Rheinland  
Low Blue Light  
/ Flicker Free  
certified

#### Play in your comfort zone

With native Lenovo Artery software⁴, gamers can instantly and effortlessly adjust the monitor's settings to get better performance in every gaming scenario. Instead of a slow and clumsy OSD interface, Lenovo Artery 2.0 software⁴ offers gaming tools to make fine or dramatic adjustments in a heartbeat. G27q-20 has a restyled modern ID in keeping with its on-screen performance. Its blue-accented Vector V base offers more than just a cool aesthetic, lifting the screen up to 130 mm and tilting it to the perfect position to suit any user for continued, comfortable gameplay. Speaking of which, the monitor safeguards users' eyes with just as much care. It has TÜV Rheinland Low Blue Light and TÜV Rheinland Flicker Free certified technology to reduce harmful blue light and annoying screen flicker, giving a comfortable, healthier viewing experience.



# Lenovo G27q-20 Monitor

## DISPLAY

**Panel Size**  
27-inch

**Screen Dimensions**  
613.16 mm x 367.78 mm

**Panel Type**  
3-side NearEdgeless  
In-Plane Switching

**Active Area**  
596.74 mm x 335.66 mm

**Backlight**  
WLED

**Aspect Ratio**  
16:9

**Resolution**  
2560 X 1440

**Pixel Pitch**  
0.2331 x 0.2331 mm

**Dot/Pixel Per Inch (DPI/PPI)**  
109

**Viewing Angle (H x V @ CR 10:1)**  
178° / 178°

**Response Time**  
1ms (with MPRT<sup>2</sup>)  
3ms (Extreme Mode)  
5ms (Normal Mode)

**Refresh Rate**  
165 Hz

**Brightness (typical)**  
400 cd/m<sup>2</sup>

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

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

**Color Gamut**  
99% sRGB

**Color Support (typical)**  
1.07 Billion

**Color Depth**  
10-bit

**HDR Decoding**  
Yes

**Anti-glare**  
Yes

## CONNECTIVITY

**Video Signal**  
1 x HDMI 2.0  
1 x DP 1.2

**Audio Signal**  
1 x Audio Out (3.5 mm)

## SPECIAL FEATURES

**Software**  
Yes<sup>4</sup> (Lenovo Artery,  
Lenovo Display Control Center)

**Sync Technology**  
NVIDIA® G-SYNC® Compatible<sup>3</sup>  
AMD Radeon Freesync™ Premium  
Compatible<sup>5</sup>

## POWER

**Power Consumption (typical/max)**  
32W / 52W

**Power Consumption Sleep/Off Mode**  
< 0.5W

**Power Consumption Switch-off Mode**  
< 0.3W

**Power Supply**  
Internal

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

## MECHANICAL

**Tilt Angle (front/back)**  
-5° / 22°

**Lift (max range)**  
130 mm

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

**Kensington Lock Slot**  
Yes

**Cable Management**  
Yes

**Bezel Color**  
Raven Black

**Bezel Width (side)**  
1.7 mm

**Bezel Width (top/bottom)**  
1.7 / 22.9 mm

## DIMENSIONS

**Size Packed (D x H x W, mm/inch)**  
159.0 x 478.0 x 868.0mm /  
6.26 x 18.82 x 34.17 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position)**  
260.0 x 393.2 x 613.2mm /  
10.24 x 15.48 x 24.14 inches

**Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)**  
260.0 x 523.2 x 613.2mm /  
10.24 x 20.60 x 24.14 inches

**Size Unpacked w/o Stand (head only) (D x H x W)(mm/inch)**  
511 x 367.8 x 613.2mm /  
2.01 x 14.48 x 24.14 inches

**Weight Packed (kg/lb)**  
8.55 kg / 18.85 lbs.

**Weight Unpacked (kg/lb)**  
6.24 kg / 13.76 lbs.

**Weight Unpacked (monitor head only) (kg/lb)**  
3.98 kg / 8.78 lbs.

## WHAT'S IN THE BOX

Monitor with stand  
1 x Power cable (1.8m)  
1 x DP cable (1.8m)  
Warranty booklet  
Quick setup guide

## CERTIFICATION

**CCC**  
Yes

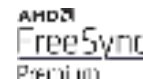
**RoHS (EU 2002/95/EC)**  
Yes

**Windows Certification**  
Windows 7, Windows 10

**China Energy Efficiency Standard**  
Tier 2

**TÜV Rheinland Low Blue Light**  
Yes

**TÜV Rheinland Flicker Free**  
Yes



<sup>1</sup>Requires PC connected over HDMI.

<sup>2</sup>MPRT of 1ms is based on internal testing conditions. Actual Response Time may vary based on operating conditions.

<sup>3</sup>NVIDIA® G-SYNC® Compatible works only with Compatible NVIDIA® GeForce® graphics card

<sup>4</sup>This software can only be used with Windows 10.

<sup>5</sup>AMD Radeon FreeSync™ can only work with AMD Radeon™ series graphics card

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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Specifications may vary depending upon region.