

Produktdatenblatt

Delegierte Verordnung (EU) Nr. 1062/2010

Name oder Warenzeichen des Lieferanten	Lenovo
Modellkennung	G27q-20
Energieeffizienzklasse	B
Bildschirmdiagonale	68.5 cm
Bildschirmdiagonale	27 Zoll
Leistungsaufnahme im Ein-Zustand	34 W
Jährlicher Energieverbrauch	Energieverbrauch 50 kWh/Jahr Auf der Grundlage eines täglich vierstündigen Betriebs des Fernsehgeräts an 365 Tagen. Der tatsächliche Energieverbrauch hängt von der Art der Nutzung des Fernsehgerätes ab.
Leistungsaufnahme im Bereitschaftszustand	0.27 W
Leistungsaufnahme im Aus-Zustand	0.2 W
Bildschirmauflösung (horizontal x vertikal)	2560 X 1440 Pixel

LENOVO G27q MONITOR

LEVEL UP YOUR GAME

SAVOR SMOOTHER ACTION, SUPERB CLARITY, NEXT-LEVEL REALITY.

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 AMD FreeSync™ Premium³ 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 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



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.



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 built-in AMD FreeSync™ Premium³. 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.



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 Artery⁴ 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 x 367.78 mm

Panel Type

3-side NearEdgeless
In-Plane Switching

Active Area

596.74 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 (MPRT)
3ms (Extreme Mode)
5ms (Normal Mode)

Refresh Rate

165 Hz

Brightness (typical)

400 cd/m²

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

Yes⁴ (Lenovo Artery, Lenovo Display
Control Center)

Sync Technology

AMD FreeSync™ Premium³

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 868.0 mm /
6.26 x 18.82 x 34.17 inches

Size Unpacked w/ Stand (D x H x W, mm/inch) (lowest position)

259.97 x 393.16 x 613.16 mm /
10.24 x 15.48 x 24.14 inches

Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)

259.97 x 523.16 x 613.16 mm /
10.24 x 20.60 x 24.14 inches

Size Unpacked w/o Stand (Head Only) (D x H x W)(mm/inch)

51.12 x 367.78 x 613.16 mm /
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 (1.8 m)
1 x DP cable (1.8 m)
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



¹requires PC connected over HDMI. ²MPRT of 1ms is based on internal testing conditions. Actual Response Time may vary based on operating conditions.

³AMD FreeSync™ is enabled for AMD Radeon™ Series graphics cards. ⁴This software can only be used with Windows 10.

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.

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