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[2])
3ms (Extreme Mode)
5ms (Normal Mode)

Refresh Rate
165 Hz

Brightness (typical)
400 cd/m^2

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[4] (Lenovo Artery,
Lenovo Display Control Center)

Sync Technology
NVIDIA® G-SYNC® Compatible[3]
AMD Radeon Freesync™ Premium
Compatible[5]

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)
51.1 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

[1]Requires PC connected over HDMI.

[2]MPRT of 1ms is based on internal testing conditions. Actual Response Time may vary based on operating conditions.

[3]NVIDIA® G-SYNC® Compatible works only with Compatible NVIDIA® GeForce® graphics card

[4]This software can only be used with Windows 10.

[5]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.