

Lenovo G27-20 Monitor

DISPLAY

Panel Size
27-inch

Screen Dimensions
612.42 mm x 367.03 mm

Panel Type
3-side NearEdgeless
In-Plane Switching

Active Area
597.89 mm x 336.31 mm

Backlight
WLED

Aspect Ratio
16:9

Resolution
1920 x 1080

Pixel Pitch
0.3114 x 0.3114 mm

Dot/Pixel Per Inch (DPI/PPI)
82

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

Response Time
3ms (Extreme Mode)
5ms (Normal Mode)
1ms (with MPRT²)

Refresh Rate
144 Hz

Brightness (typical)
400 cd/m²

Contrast Ratio (typical)
1000:1

Dynamic Contrast Ratio (typical)
3M:1

Color Gamut
99% sRGB

Color Support (typical)
16.7 Million

Color Depth
True 8-bit

Anti-glare
Yes

HDR Decoding
Yes

CONNECTIVITY

Video Signal
1 x HDMI 1.4
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
NVIDIA® G-SYNC® Compatible³
AMD Radeon Freesync™ Premium
Compatible⁵

POWER

Power Consumption (typical/max)
22W / 32W

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)
2.0 mm

Bezel Width (top/bottom)
2.0 / 20.7 mm

DIMENSION

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 392.8 x 612.4mm /
10.24 x 15.46 x 24.11 inches

Size Unpacked w/ Stand (D x H x W, mm/inch) (highest position)
260.0 x 522.8 x 612.4mm /
10.24 x 20.58 x 24.11 inches

Size Unpacked w/o Stand (head only) (D x H x W)(mm/inch)
48.0 x 367.0 x 612.4mm /
1.80 x 14.45 x 24.11 inches

Weight Packed (kg/lb)
8.25 kg / 18.19 lbs.

Weight Unpacked (kg/lb)
5.94 kg / 13.10 lbs.

Weight Unpacked (monitor head only) (kg/lb)
3.68 kg / 8.11 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
Window 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.

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

⁴This software can only be used with Windows 10.

⁵AMD 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.