

LENOVO G27 MONITOR

GETTING PLAYERS READY

LEVEL UP WITH A MONITOR BACKED BY NVIDIA® G-SYNC® COMPATIBLE TECHNOLOGY

When it comes to performance, Lenovo G27-20's got game. Let's start with a look at its 27-inch 1920 x 1080 full HD resolution In-Plane Switching panel display that delivers startlingly life-like lighting effects to gameplay in a luminous 400 cd/m², thanks to HDR decoding¹ on-the-fly. It never misses a beat, even in the most intense moments, because its speedy 144Hz refresh rate and 1ms MPRT² response time, coupled with NVIDIA® G-SYNC® Compatible³ technology, removes image stutter, break, tear and streak from the experience, leaving a smooth, fluid unspilt session. Besides, the 99% sRGB color gamut display featuring true 8-bit color will make your gameplay impressive for sure.

And, as bright as this display is, users can watch comfortably because TÜV Rheinland Low Blue Light and TÜV Rheinland Flicker Free technology can protect eyes from blue light harm on a sliding scale, as well as cut out screen flicker. All these enhance your viewing pleasure plus a vastly reduced chance of eye fatigue. Aside from eye comfort, G27-20's new future-cool form factor helps comfortable sitting, too. Its upgraded Vector V base with modern blue accent also lifts the screen head a full 130 mm and tilts between -5° and 22° to always be in the most ergonomic position for endless hours of comfortable Esports or binge-watching a show that just dropped. Lenovo Artery software⁴ gives gamers the chance to seamlessly tweak screen performance to optimize their gameplay experience directly on screen through their PC. So, it saves time for gamers to sit and play in comfort with zero distractions.

FEATURES OF LENOVO G27-20 MONITOR



Let your game shine

G27-20 holds a 27-inch FHD 1920 x 1080 resolution In-Plane Switching panel display to render stunning game graphics with no color distortion, even at the widest possible viewing angles. Bright and right, with HDR decoding viewers are treated to a bright 400 cd/m² display, while colours are bright, vivid and compellingly lifelike thanks to the 99% sRGB color gamut and true 8-bit color.



Utterly stutter-free gaming

Nothing but smooth, natural movement as far as the eye can see. G27-20 delivers fluid motion thanks to its rapid refresh rate of 144Hz, 1ms MPRT² response time and NVIDIA® G-SYNC® Compatible³ technology. And that means players can enjoy the spoils of victory, not suffer the spoils of torn frames, image lag or motion blur. Let the action flow.



Comfort dialed to the max

Play and display. G27-20's sci-fi chic looks bring an edge to any gaming room. Carrying TÜV Rheinland Low Blue Light and TÜV Rheinland Flicker Free certification, its flicker-free and variable Low Blue Light settings reduce eye fatigue. While its stand lifts and tilts the screen to the ideal height for users' comfort. Lenovo Artery software⁴ gives gamers the chance to seamlessly tweak screen performance to optimize their gameplay experience directly on screen through their PC, then readjust the settings to make the most of movies.

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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