# Lenovo G24-20 Monitor

# Your arena for every victory.

## Enthralling performance. Engrossing gameplay.

As an E-sports player, your arsenal of devices must be power-packed and rigged up with superior technology. Equipped for competitive gaming, the Lenovo G24-20 takes gaming performance to the next level. A screen size of 23.8-inch, ideal for E-sports, with 3-side NearEdgeless display lets you engage in gaming distraction-free. Your skills and reflexes are backed by superfast 144 Hz refresh rate, overclock[1] to 165 Hz along with 0.5ms MPRT[2], and NVIDIA® G-SYNC® Compatible[3] technology—ensure no target misses due to latency or screen tearing and stuttering. Nothing escapes your eye on the battlefield with In-Plane Switching panel, 99% sRGB color gamut, and 350 nits brightness that offer minute details and a vivid display performance. What's more, get more control over your G24-20 monitor with exclusive Lenovo Artery software[4] that lets you tweak display settings to further your game. Delivering an enriching experience, the Lenovo G24-20 gaming monitor significantly reduces lags and slowdowns, enabling ultra-smooth gameplay in every frame.

## FEATURES OF LENOVO G24-20 MONITOR

Accurate colors with 99% sRGB color gamut

No NVIDIA® G-SYNC® Compatible[3] Technology

NVIDIA® G-SYNC® Compatible[3] Technology On

Screen flicker and harmful blue light

Display with Low Blue Light technology and TÜV Rheinland Eye Comfort certification

### Display performance that comes to life

Fierce competitions require gamers to spot their enemies first and knock them down. The neat 23.8-inch display of the G24-20 with the dynamic FHD 1920 x 1080 resolution and In-Plane Switching panel keeps you ahead with sharp and vibrant images. Users can take advantage of the 99% sRGB color gamut, true 8-bit color, and 350 nits brightness that provide vivid color. Stunning, realistic, and true-to-life images with HDR decoding reproduces the original images with precise details—offering immersive gaming and multimedia experience.

### Power-packed for enriching gameplay

Latency could be the determining factor between winning and losing a game. A refresh rate of 144 Hz with possible overclock to 165 Hz ensures more frames per second can be displayed, resulting in faster and smoother video output. A blazingly-fast 0.5ms MPRT[2] eliminates streaking and ghosting. This monitor supports NVIDIA® G-SYNC® Compatible[3] and AMD FreeSync™ Premium[5] technologies that reduces stuttering and screen tearing, so you enjoy competitive gaming and stay a step ahead.

### Extended hours of entertainment

The G24-20 comes with a futuristic yet user-oriented design that is made for gaming. It stands tall and sturdy on the Wings of Victory themed Vector V base stand that adds a dash of style while offering a wide range of lift and height adjustments for ergonomic comfort. This display comes with Low Blue Light technology and is certified by TÜV Rheinland Eye Comfort, ensuring minimal eye strain whether you watch a video, browse web pages, indulge in entertainment, or work or learn from home. Lenovo Artery software[4] offers excellent user experience with more advanced tools and gaming assistant functions.

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[1] Overclocking may cause screen flickering. Avoid enabling it for longer durations. | [2] Moving Picture Response Time (MPRT) improves the response time and reduces motion blur in the monitor. Enabling MPRT will disable AMD FreeSync™ Premium, and you may notice a negligible flicker. | [3] NVIDIA® G-SYNC® works through NVIDIA® GeForce® graphics card. | [4] This software can only be used with Windows 10. | [5] AMD FreeSync™ Premium only can work with AMD Radeon™ series graphic card.

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## DISPLAY

**Panel Size**
23.8-inch

**Screen Dimensions (W x H, mm)**
535.0 mm x 313.0 mm

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

**Active Area**
527.0 mm x 296.5 mm

**Backlight**
WLED

**Aspect Ratio**
16:9

**Resolution**
1920 x 1080

**Pixel Pitch**
0.275 mm x 0.275 mm

**Dot/Pixel Per Inch (DPI/PPI)**
93

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

**Response Time**
1ms (Level 1), 2ms (Level 2), 3ms (Level 3),
4ms (Level 4), 5ms (Off), 0.5ms (MPRT[1])

**Refresh Rate**
144Hz
165Hz (overclock)[2]

**Brightness (Typical)**
350 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**
8-bit

**HDR Decoding**
Yes

**Anti-Glare**
Yes

## CONNECTIVITY

**Video Signal**
2 x HDMI 2.0
1 x DP 1.4

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

## SPECIAL FEATURES

**Software**
Lenovo Artery[3] (Lenovo Display Control Center)
- Game Mode
- Aim Point
- Timer
- Show Frame Rate
- Desktop Partition
- Task Scheduler & Reminder
- Multi-screen Settings Sync
- Sound Device

**Sync Technology**
NVIDIA® G-SYNC® Compatible[4]
AMD FreeSync™ Premium[5]

## POWER

**Power Consumption (Typ. / Max.)**
25W / 38W

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

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

**Power Supply**
Internal

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

## MECHANICAL

**Tilt Angle (Front / Back)**
-5° / 22°

**Lift Range**
130 mm

**VESA Mount Capability**
Yes

**Kensington Lock Slot**
Yes

**Cable Management**
Yes

**Bezel Color**
Raven Black

**Bezel Width (Side)**
2.0 mm

**Bezel Width (Top / Bottom)**
2.0 mm / 18.9 mm

## DIMENSIONS

**Size Packed
(D x H x W) (mm/inch)**
159.0 x 464.0 x 780.0 mm
6.26 x 18.27 x 30.71 inches

**Size Unpacked w/ Stand (Lowest Position)
(D x H x W) (mm/inch)**
234.8 x 364.2 x 539.8 mm
9.24 x 14.34 x 21.25 inches

**Size Unpacked w/ Stand (Highest Position)
(D x H x W) (mm/inch)**
234.8 x 494.2 x 539.8 mm
9.24 x 19.46 x 21.25 inches

**Size Unpacked w/o Stand (Head Only)
(D x H x W) (mm/inch)**
52.5 x 323.2 x 539.8 mm
2.07 x 12.72 x 21.25 inches

**Weight Packed (kg/lb)**
7.3 kg / 16.1 lbs.

**Weight Unpacked (kg/lb)**
5.3 kg / 11.6 lbs.

**Weight (Monitor Head Only) (kg/lb)**
3.3 kg / 7.3 lbs.

## WHAT'S IN THE BOX

**Monitor with Stand**
Yes

**Power Cable (Cable Length)**
1 x Power Cable (11.8m, optional)

**DP Cable (Cable Length)**
1 x DP Cable (1.8m)

**Quick Setup Guide**
Yes

**Warranty Booklet**
Yes

## CERTIFICATION

**CCC**
Yes

**RoHS (2011/65/EU)**
Yes

**Windows Certification**
Windows 7, Windows 10

**EU Energy Level Certification**
Yes (Level-E)

**China Energy Efficiency Standard**
Tier 2

**TÜV Rheinland Eye Comfort**
Yes

Specifications may vary depending upon region.