

# LENOVO G24e-20 MONITOR

STUNNING DISPLAY, SMOOTHER GAMEPLAY

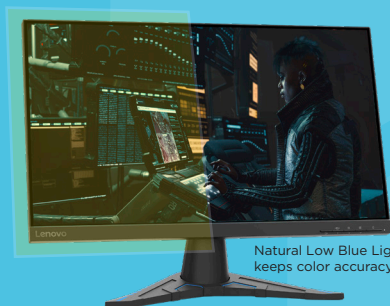
**TRUE-TO-LIFE SCREEN PERFORMANCE FOR ALL THINGS GAMING.**

With the Lenovo G24e-20 in your arsenal, dominate every game with extraordinary ease. The 23.8-inch screen, and a three-side NearEdgeless VA display offer stunning clarity, giving you a quick-footed advantage whenever you are embroiled in fast-paced games.

Players can focus on the game and successfully work out their game plan, thanks to AMD FreeSync™ Premium technology<sup>1</sup>, a 100 Hz refresh rate that you can overclock to 120 Hz, and super-fast 1ms MPRT<sup>2</sup> that virtually eliminate screen tearing and input delay. Moreover, with 95% sRGB color gamut and 3000:1 contrast ratio, you get to enjoy uncompromised color performance for light work and entertainment. Natural Low Blue Light technology protects your eyes while keeping colors accurate. There is no color distortion, unlike the low blue light software solution that makes the visual appear yellowish. Exclusive Lenovo Artery software<sup>3</sup> enables advanced gaming tools and settings to optimize your experience. Everything to ensure you are well-equipped when going for the win.



## FEATURES OF LENOVO G24e-20 MONITOR



Natural Low Blue Light technology keeps color accuracy

### A brilliant view for work and play

The Lenovo G24e-20 display blends economy with uncompromising performance and compelling visuals. The adjustable monitor comes with Natural Low Blue Light technology, which prevents image distortion and reduces eyestrain so you can keep on playing, working, and streaming in comfort. The 3000:1 contrast ratio displays more gray levels than standard for vivid imagery and stunning video output that gamers crave. 95% sRGB color gamut offers a wider selection of colors that allows you to see exactly what the developer intended and enhances the gaming experience.



Without AMD FreeSync™ Premium

With AMD FreeSync™ Premium

### Equipped for everyday gaming

Loaded with multiple gaming features, the G24e powers uncompromising gaming with stunning display performance. The 100 Hz refresh rate that can overclock to 120 Hz, along with 1ms MPRT<sup>2</sup> ensure latency, streaking, and ghosting are kept to a minimum for instantaneous, high-quality gaming and content consumption. AMD FreeSync™ Premium technology<sup>1</sup> helps reduce screen stutter for significantly smoother gameplay by dynamically adjusting the refresh rate to match the GPU output, so you can always stay focused on the game.



Lenovo Artery software

### Ideal comfort and control

The V-shaped base looks stylish while providing excellent ergonomic support, facilitating an enjoyable viewing experience. The display supports both HDMI 2.0 and DisplayPort 1.2 PC-to-monitor connectivity. Built-in Lenovo Artery software<sup>3</sup> tools reveal game-time countdown and aim point; they also allow you to easily customize settings for a competitive edge.

# Lenovo G24e-20 Monitor

## DISPLAY

### Panel Size

23.8-inch

### Screen Dimensions

535.0 mm x 313.0 mm

### Panel Type

3-side NearEdgeless  
VA

### Active Area

527.0 mm x 296.5 mm

### Backlight

WLED

### Aspect Ratio

16:9

### Resolution

1920 x 1080

### Pixel Pitch

0.0915 mm x 0.2745 mm

### Dot/Pixel Per Inch(DPI/PPI)

93

### Viewing Angle (H x V @ CR 10:1)

178° / 178°

### Response Time

7ms (level1), 6ms (level2),  
5ms (level3), 4ms (level4),  
1ms (MPRT<sup>2</sup>)

### Refresh Rate

100 Hz  
120 Hz (overclock)

### Brightness (typical)

300 cd/m<sup>2</sup>

### Contrast Ratio (typical)

3000:1

### Dynamic Contrast Ratio (typical)

3M:1

## Color Gamut

95% sRGB

## Color Support (typical)

16.7 Million

## Color Depth

8-bit

## Anti-glare

Yes

## CONNECTIVITY

### Video Signal

1 x HDMI 2.0  
1 x DP 1.2

### Audio Signal

1 x Audio Out (3.5mm)

## SPECIAL FEATURES

### Software

Lenovo Artery<sup>3</sup>  
(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

AMD FreeSync™ Premium

## POWER

### Power Consumption (Typ./Max)

20W / 25W

### 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°

### 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 mm / 21.4 mm

## DIMENSION

### Size Packed (D x H x W, mm/inch)

405.0 x 124.0 x 635.0 mm  
15.95 x 4.88 x 25.00 inches

### Size Unpacked w/stand (D x H x W) (mm/inch) (Lowest position)

184.7 x 408.6 x 539.8 mm  
7.27 x 16.09 x 21.25 inches

### Size Unpacked w/stand (D x H x W) (mm/inch) (Highest position)

184.7 x 408.6 x 539.8 mm  
7.27 x 16.09 x 21.25 inches

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

44.0 x 325.7 x 539.8 mm  
1.73 x 12.82 x 21.25 inches

### Weight Packed (kg/lb)

5.9 kg / 13.1 lbs.

## Weight Unpacked (kg/lb)

3.9 kg / 8.6 lbs.

## Weight (Monitor Head Only) (kg/lb)

3.2 kg / 7.0 lbs.

## WHAT'S IN THE BOX

Monitor with stand  
1 x Power cable (1.8m)  
1 x HDMI cable (1.8m)  
Quick setup guide  
Warranty booklet

## CERTIFICATION

### CCC

Yes

### RoHS (EU 2002/95/EC)

Yes

### Windows Certification

Windows 7, Windows 10

### Eyesafe Display Certification

Yes

### TÜV Low Blue Light (Hardware Solution)

Yes

### TÜV Rheinland Low Blue Light

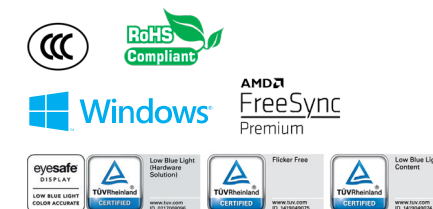
Yes

### TÜV Rheinland Flicker Free

Yes

### China Energy Efficiency Standard

Tier 2



<sup>1</sup>AMD FreeSync™ Premium works only with AMD Radeon series graphic card.

<sup>2</sup>Moving Picture Response Time (MPRT) improves display response time and reduces motion blur. Enabling MPRT will disable AMD FreeSync™, and you may notice a negligible flicker.

<sup>3</sup>This software can be used with Windows 10 only.

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.