



# AOC 27G2AE/BK FHD LCD Monitor Specifications and Datasheet

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## AOC 27G2AE/BK FHD LCD Monitor



### 1MS MPRT

A pixel response time of 1 ms means speed without the smear for an enhanced experience. Fast-moving action and dramatic transitions will be rendered smoothly without the effects of ghosting.



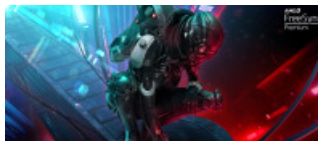
### 144 Hz

Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 144Hz refresh rate, every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high-speed races in all their glory.



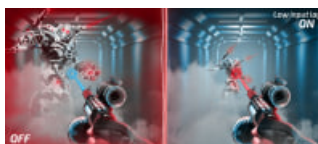
### FreeSync Premium

Enjoy the best quality visuals even in fast-paced games. The AMD FreeSync Premium Technology ensures that the GPU's and monitor's refresh rates are synchronized, which provides a fluid, tear-free gaming experience at the highest performance. The AMD FreeSync Premium features a refresh rate of a minimum 120Hz, decreasing blur and sharpening the picture for a more life-like experience. The LFC feature eliminates the risk of stutter in case the frame rate drops below the refresh rate.



### Low Input Lag

Unleash your reflexes by switching to the AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favor of raw response time, giving the ultimate edge in hair-trigger stand-offs.



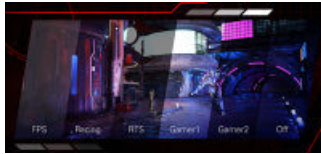
### G-menu

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience for any AOC or AGON monitor



## 6 Games mode

Tailor your display to the game with a click of a button. Switch settings between in-built presets for FPS, racing, or RTS games, or customize your own ideal conditions and save them. The AOC Settings KeyPad makes switching profiles or adjusting features quick and easy.



## Specifications

### General

- **Model name** 27G2AE/BK
- **EAN** 4038986188678
- **Product Line** AOC Gaming
- **Series** G2 Series
- **Channel** B2C
- **Classification** Hero
- **Section** Gaming
- **Gaming style** Shooters, MMORPG, Action, RTS, Racing
- **Launch date** 11-11-2020

### Screen

- **Resolution** 1920×1080
- **Refresh rate** 144Hz
- **Screen size (inch)** 27 inch
- **Screen size (cm)** 68.6 cm
- **Flat / Curved** Flat
- **Backlight** WLED
- **Panel Type** IPS
- **Aspect ratio** 16:9
- **Display Colours** 16.7 Million
- **Panel Colour in Bits** 6
- **sRGB Coverage (%)** 118
- **Adobe RGB Coverage (%)** 88
- **NTSC coverage (%)** 85 %
- **Active Screen Area (HxW)** 527,04(H)mm X 296,46(V)mm mm
- **Pixel Pitch** 0.2745
- **Scanning Frequency** 48~144Hz (DP1.2/HDMI1.4)

- **Response Time (MPRT)** 1 ms
- **Contrast (static)** 1000:1
- **Contrast (dynamic)** 20M:1
- **Brightness (typical)** 250 cd/m<sup>2</sup>
- **Viewing angle (CR10)** 178/178 °
- **Hard Glass** 3H
- **OSD languages** EN, FR, ES, PT, DE, IT, NL, SE, FI, PL , CZ, RU, KR, CN (T), CN (S), JP

## Exterior

- **Monitor color** Black Red
- **Bezel Type** Frameless
- **Removable Stand** ✓

## Ergonomics

- **Vesa Wallmount** 100×100
- **Tilt** -4° ±1° ~ +21.5° ±1.5° °

## Multimedia

- **Audio Input** Line in
- **Built-in Speakers** 2 W x 2
- **Audio output** Headphone out (3,5mm)

## Connectivity and Multimedia

- **Signal Input HDMI** 1.4 x 2, DisplayPort 1.2 x 1, VGA

## What's in the Box?

- **HDMI cable** 1,8 m
- **Displayport Cable** 1,8 m

## Power / Environmental

- **Power supply** Internal
- **Powersource** 100 – 240V 50/60Hz
- **PowerConsumption On (EnergyStar)** 25 watt
- **PowerConsumption Standby (EnergyStar)** 0.5 watt
- **PowerConsumption Off (EnergyStar)** 0.3 watt
- **EnergyClass** A

## Approbations / Regulations

- TUV-Bauart ✓
- CE ✓
- ISO 9241-307 class I ✓

#### Warranty

- **Warranty Period** 3 Years
- **Dimensions / Weights**
- **Product dimensions include base** 612.1W x 525.9H x 227.4D mm
- **Product dimensions excl base** 612.1W x 363H x 46D mm
- **Packaging Dimensions (L x W x H)** 730(W)\*187(D)\*520H mm
- **Product Dimensions (incl base)** 612.1W x 525.9H x 227.4D mm mm

#### Texts and USP

- **Marketing title** 27 inch IPS VGA, DisplayPort 1.2 x 1, HDMI 1.4 x 2 FreeSync Premium

#### Features

- **Sync Technology** FreeSync Premium
- **Sync Range** 48-144
- **Flicker-free** ✓
- **Blue Light Technology** Low blue light
- **Kensington Lock** ✓

#### FAQ's

##### **What is the resolution of the AOC 27G2AE/BK FHD LCD Monitor?**

The AOC 27G2AE/BK FHD LCD Monitor has a resolution of 1920 x 1080 pixels.

##### **What is the screen size of the AOC 27G2AE/BK FHD LCD Monitor?**

The AOC 27G2AE/BK FHD LCD Monitor has a screen size of 27 inches.

##### **What is the refresh rate of the AOC 27G2AE/BK FHD LCD Monitor?**

The AOC 27G2AE/BK FHD LCD Monitor has a refresh rate of 144Hz.

##### **Does the AOC 27G2AE/BK FHD LCD Monitor have built-in speakers?**

Yes, the AOC 27G2AE/BK FHD LCD Monitor has built-in speakers.

##### **Does the AOC 27G2AE/BK FHD LCD Monitor have an adjustable stand?**

Yes, the AOC 27G2AE/BK FHD LCD Monitor has an adjustable stand with tilt, height, and pivot adjustments.

##### **What inputs does the AOC 27G2AE/BK FHD LCD Monitor have?**

The AOC 27G2AE/BK FHD LCD Monitor has 2 HDMI 1.4 ports, 1 DisplayPort 1.2 port, and a VGA port.

##### **Does the AOC 27G2AE/BK FHD LCD Monitor support AMD FreeSync?**

Yes, the AOC 27G2AE/BK FHD LCD Monitor supports AMD FreeSync technology.

**What is the response time of the AOC 27G2AE/BK FHD LCD Monitor?**

The AOC 27G2AE/BK FHD LCD Monitor has a response time of 1 ms (MPRT).

**Does the AOC 27G2AE/BK FHD LCD Monitor have a VESA mount?**

Yes, the AOC 27G2AE/BK FHD LCD Monitor has a VESA mount compatible with 100 x 100mm brackets.

**What does “AOC FHD LCD Monitor” mean?**

AOC FHD LCD Monitor refers to a computer monitor produced by AOC that features a Full High Definition (FHD) display resolution of 1920 x 1080 pixels and uses Liquid Crystal Display (LCD) technology.

**What are the dimensions of an AOC FHD LCD Monitor?**

The dimensions of an AOC FHD LCD Monitor depend on the specific model, but generally, they range from 19 inches to 32 inches in screen size, with a width of around 18 to 30 inches and a height of 10 to 20 inches.

**What are the advantages of using an AOC FHD LCD Monitor?**

The advantages of using an AOC FHD LCD Monitor include its high-quality display resolution, which provides crisp and clear images, as well as its energy efficiency and durability.

**What are the connectivity options available on an AOC FHD LCD Monitor?**

The connectivity options available on an AOC FHD LCD Monitor may vary depending on the specific model, but they typically include HDMI, VGA, and DisplayPort inputs, as well as USB ports for connecting peripherals.

**Can an AOC FHD LCD Monitor be used for gaming?**

Yes, an AOC FHD LCD Monitor can be used for gaming, although it may not provide the same level of performance and features as a dedicated gaming monitor. However, many AOC FHD LCD Monitors feature a fast response time and high refresh rate, which can make them suitable for gaming.

**How do I set up an AOC FHD LCD Monitor?**

To set up an AOC FHD LCD Monitor, you will need to connect the monitor to your computer using the appropriate cables, adjust the display settings in your computer's operating system, and adjust the monitor's settings as needed using the on-screen menu. Instructions for setting up your specific model of AOC FHD LCD Monitor should be included in the user manual.

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