

**AGON**  
BY **AOC**

ONLY FOR THE TRUE  
VALIANT

POWERED BY  
**27G42E**



Embark on your gaming journey with the 27G42E 27" Full HD monitor, offering sharp 1920x1080 resolution and a smooth 180Hz refresh rate for seamless gameplay. Its Fast IPS panel delivers an ultra-responsive 1ms GtG response time for crisp, precise visuals. Featuring AdaptiveSync, low input lag, and HDR10 support, this monitor ensures top-tier performance and vibrant image quality. With an ergonomic tilt stand for comfort during extended sessions, along with features like MBR MPRT 0.5ms and G-Menu customization, this monitor is the perfect tool to elevate your gaming experience

- **Frameless design**
- **E-sports monitor stand**
- **G-MENU**
- **Low Input Lag**
- **0.5ms MPRT - Moving Picture Response Time**
- **1ms Response time GTG - Grey-to-Grey**

## FRAMELESS DESIGN

Besides looking modern and attractive, frameless designs enable seamless multi-monitor setups. Your cursor/windows will not be lost anymore in the dark abyss of bezels, when many displays are placed side by side.



## E-SPORTS MONITOR STAND

Our new stand. Co-designed with eSports professionals, allows you to maximize free space for all your peripherals. The base of the monitor is designed to reduce the footprint of your monitor on your desk, and even allows you to place your keyboard on top. The stand includes cable management to keep your desk clean. No matter what genre you compete in, we want you to feel like a pro.



## GMENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.



## LOW INPUT LAG

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

## 0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, “ghosting” and “blurring” effects are reduced, resulting in a smoother, more “fluid” feeling gaming experience.



## 1MS RESPONSE TIME GTG - GREY-TO-GREY

GtG stands for Grey-To-Grey and represents how long it takes for one pixel to change between one gray level to the next. In gaming, every millisecond counts and can be the differentiator between hitting or missing a shot. Fast response time also eliminates ghosting and motion blur.

| GENERAL                |                | VIDEO FEATURES                      |                          | GAMING FEATURES                         |                                                                          |
|------------------------|----------------|-------------------------------------|--------------------------|-----------------------------------------|--------------------------------------------------------------------------|
| Model Name             | 27G42E         | Sync technology (VRR)               | Adaptive Sync            | Gaming style                            | Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing |
| Brand                  | AOC            | NVIDIA G-SYNC™                      | NVIDIA G-SYNC Compatible | Game mode                               | RTS, FPS, Racing, Gamer 1, Gamer 2, Off                                  |
| Channel                | Gaming         | Digital Signal Frequency Vertical   | 48-180Hz                 | Gaming convenience                      | G-menu                                                                   |
| Product line           | AOC Gaming     | Digital Signal Frequency Horizontal | 30-200KHz                | PS5 Compatibility                       | 1920x1080@120Hz                                                          |
| Design family          | G4             | HDR (High Dynamic Range)            | HDR 10                   | Xbox X Compatibility                    | 1920x1080@120Hz                                                          |
| EAN                    | 4038986642590  | Blue Light Technology               | Low Blue Light           | Xbox S Compatibility                    | 1920x1080@120Hz                                                          |
| DISPLAY INFORMATION    |                | CABINET INFORMATION                 |                          | SUSTAINABILITY                          |                                                                          |
| Screen size (inch)     | 27,0           | Colour space (sRGB) CIE 1931 %      | 128,2                    | TCO Certified                           | No                                                                       |
| Screen size (cm)       | 68,6           | Colour space (DCI-P3) CIE 1931 %    | 94,0                     | WEEE                                    | Yes                                                                      |
| Flat / Curved          | Flat           | Colour space (Adobe RGB) CIE 1976 % | 91,7                     | REACH compliant                         | Yes                                                                      |
| Display hardness       | 3H             | Flicker-Free                        | Flicker Free             | RoHs compliant                          | Yes                                                                      |
| Panel treatment        | Antiglare (AG) | Bezel Colour (front)                | Black                    | PVC/BFR free housing                    | Yes                                                                      |
| Pixel Pitch (mm)       | 0,3108         | Cabinet colour (backside)           | Black                    | Mercury free                            | Yes                                                                      |
| Pixels per Inch        | 81,59          | Cabinet finishing (backside)        | Texture                  | Recycable packaging material            | 100 % recycable                                                          |
| Panel resolution       | 1920x1080      | Removable stand                     | Yes                      | Carton material                         | Paper                                                                    |
| Aspect ratio           | 16:9           | Kensington Lock                     | Yes                      | POWER CONSUMPTION                       |                                                                          |
| Panel type             | Fast IPS       | Vesa wallmount                      | 100x100                  | Power supply                            | Internal                                                                 |
| Backlight type         | WLED           | ERGONOMICS                          |                          | Power consumption on (typical) in watts | 22,0                                                                     |
| Max Refresh rate       | 180 Hz         | Tilt                                | -3° ±2° ~ 21° ±2°        | Power consumption standby in watts      | 0,5                                                                      |
| Response time GtG      | 1 ms           |                                     |                          | Power consumption off in watts          | 0,3                                                                      |
| Response time MPRT     | 0.5 ms         |                                     |                          | Energy class                            | E                                                                        |
| Static contrast ratio  | 1000:1         |                                     |                          |                                         |                                                                          |
| Dynamic contrast ratio | 80M:1          |                                     |                          |                                         |                                                                          |
| Viewing angle (CR10)   | 178/178        |                                     |                          |                                         |                                                                          |
| Display colours        | 16.7 Million   |                                     |                          |                                         |                                                                          |
| Brightness in nits     | 300 cd/m²      |                                     |                          |                                         |                                                                          |
| Local Dimming Zones    | Global Dimming |                                     |                          |                                         |                                                                          |

## REGULATORY COMPLIANCE

|                 |     |
|-----------------|-----|
| CB              | Yes |
| CE              | Yes |
| TUV-Bauart-Mark | Yes |
| ISO 9241-307    | Yes |
| EAC             | Yes |
| FCC             | Yes |
| UKCA            | Yes |

## CONNECTIVITY INFORMATION

|              |                          |
|--------------|--------------------------|
| HDMI         | HDMI 2.0 x 1             |
| DisplayPort  | DisplayPort 1.4 x 1      |
| Audio Output | Headphone out<br>(3.5mm) |

## PRODUCT DIMENSIONS

|                                          |                       |
|------------------------------------------|-----------------------|
| Product dimensions incl. base (WxHxD) mm | 613.9 x 449.7 x 197.6 |
| Product dimensions excl. base (WxHxD) mm | 613.9 x 366.3 x 51.2  |
| Packaging dimensions (WxHxD) mm          | 690 x 454 x 126       |
| Gross weight incl. package (in kg)       | 6,4                   |
| Net weight excl. package (in kg)         | 3,83                  |
| Product without stand (kg)               | 3,44                  |

## WHAT'S IN THE BOX

|                   |     |
|-------------------|-----|
| HDMI cable        | 1.8 |
| Displayport cable | 1.8 |
| Power Cable       | Yes |

## OTHER INFORMATION

|                 |         |
|-----------------|---------|
| Warranty period | 3 years |
|-----------------|---------|

#### **LEGAL DISCLAIMER**

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.