

**AGON**  
BY AOC

ONLY FOR THE TRUE  
VALIANT

POWERED BY  
**Q27G42XEP**



The Q27G42XE features a 27" QHD Fast IPS panel, 180Hz refresh rate, and 1ms GtG response time for crisp and smooth visuals. With HDR10, G-Sync compatible, and low input lag, it ensures reliable performance. A battle-station-ready design, recyclable packaging, and G-Menu software make this monitor a practical and eco-friendly addition to any gaming setup.

- **QHD Resolution**
- **180Hz Refresh Rate**
- **Fast IPS**
- **1ms Response time GTG - Grey-to-Grey**
- **G-SYNC Compatible**
- **Low Input Lag**

## QHD RESOLUTION

With 2560 x 1440 resolution, Quad HD (QHD) offers superior picture quality and sharp imagery that reveals the finest details. The widescreen 16:9 aspect ratio provides plenty of space to spread out and work, plus allows you to enjoy games or movies in their original size.



## 180HZ REFRESH RATE

Competitive and intense gaming demands the best technology to ensure lag-free, smoother gaming. This AGON by AOC monitor features a 180Hz refresh rate, making it 3x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them very difficult targets to hit. A 180Hz frame rate restores those critical missing images back onto the screen, revealing enemy movements in ultra-smooth motion, letting you more easily target. With this AGON by AOC gaming monitor, you won't have to put up with input-lag and screen tearing.



## FAST IPS

Unlock your gaming potential with Fast IPS panels offering rapid pixel response times of up to 1ms GtG. Say farewell to motion blur as you enjoy sharper images, enhancing precision targeting and boosting performance in high-speed games. Experience the advantages of fast IPS technology, including vibrant colors and wide viewing angles, for an immersive gaming experience and unleash your full potential.



## 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.

## G-SYNC COMPATIBLE

Enable flawless picture quality by synchronising new generations of NVIDIA graphics cards\* with this G-SYNC Compatible monitor. \*Please refer to NVIDIA website for the complete list of GPUs working with G-SYNC Compatible monitors



## 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.

| GENERAL                |                | VIDEO FEATURES                      |                                       | GAMING FEATURES                         |                                                           |
|------------------------|----------------|-------------------------------------|---------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Model Name             | Q27G42XEP      | Sync technology (VRR)               | Adaptive Sync                         | Gaming style                            | Shooters, MMORPG, Action, eSports, RTS, 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   | DP1.4: 48-180Hz / HDMI2.0: 48-144Hz   | Gaming convenience                      | G-menu                                                    |
| Product line           | AOC Gaming     | Digital Signal Frequency Horizontal | DP1.4: 30-270KHz / HDMI2.0: 30-230KHz | PS5 Compatibility                       | 2560x1440@120Hz                                           |
| Design family          | G42            | HDR (High Dynamic Range)            | HDR 10                                | Xbox X Compatibility                    | 2560x1440@120Hz                                           |
| Launch date (ETA)      | 8/1/2026       | Blue Light Technology               | Low Blue Light                        | Xbox S Compatibility                    | 2560x1440@120Hz                                           |
| EAN                    | 4038986113977  | Colour space (sRGB) CIE 1931 %      | 120,0                                 | SUSTAINABILITY                          |                                                           |
| DISPLAY INFORMATION    |                | Colour space (DCI-P3) CIE 1976 %    | 92,9                                  | TCO Certified                           | No                                                        |
| Screen size (inch)     | 27,0           | Colour space (Adobe RGB) CIE 1976 % | 89,9                                  | WEEE                                    | Yes                                                       |
| Screen size (cm)       | 68,6           | Flicker-Free                        | Flicker Free                          | REACH compliant                         | Yes                                                       |
| Flat / Curved          | Flat           | CABINET INFORMATION                 |                                       | RoHs compliant                          | Yes                                                       |
| Display hardness       | 3H             | Bezel Colour (front)                | Black                                 | PVC/BFR free housing                    | Yes                                                       |
| Panel treatment        | Antiglare (AG) | Cabinet colour (backside)           | Black, Red                            | Mercury free                            | Yes                                                       |
| Pixel Pitch (mm)       | 0,2745         | Cabinet finishing (backside)        | Matt                                  | Recycable packaging material            | 100 % recycable                                           |
| Pixels per Inch        | 108,0          | Removable stand                     | Yes                                   | Carton material                         | Paper                                                     |
| Panel resolution       | 2560x1440      | Speaker power                       | 2 W x 2                               | POWER CONSUMPTION                       |                                                           |
| Aspect ratio           | 16:9           | Kensington Lock                     | Yes                                   | Power supply                            | Internal                                                  |
| Panel type             | Fast IPS       | Vesa wallmount                      | 100x100                               | Power consumption on (typical) in watts | 27,0                                                      |
| Backlight type         | WLED           | ERGONOMICS                          |                                       | Power consumption standby in watts      | 0,5                                                       |
| Max Refresh rate       | 180 Hz         | Tilt                                | -3° ±2° ~ 21° ±2°                     | Power consumption off in watts          | 0,3                                                       |
| Response time GtG      | 1 ms           |                                     |                                       | Energy class                            | E                                                         |
| Response time MPRT     | 0.5 ms         |                                     |                                       |                                         |                                                           |
| Static contrast ratio  | 1000:1         |                                     |                                       |                                         |                                                           |
| Dynamic contrast ratio | 80M:1          |                                     |                                       |                                         |                                                           |
| Viewing angle (CR10)   | 178/178        |                                     |                                       |                                         |                                                           |
| Display colours        | 16.7M (8bits)  |                                     |                                       |                                         |                                                           |
| 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 2          |
| Digital HDCP (HDMI version) | HDCP 1.4/2.2          |
| DisplayPort                 | DisplayPort 1.4 x 1   |
| Audio Output                | Headphone out (3.5mm) |
| DP HDCP version             | HDCP 1.4/2.2          |

## 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    |
| Packaging dimensions (WxHxD) mm          | 690 x 454 x 126       |
| Gross weight incl. package (in kg)       | 6,15                  |
| Net weight excl. package (in kg)         | 3,88                  |
| Product without stand (kg)               | 3,49                  |

## 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.