AGON BY AOC

# ONLY FOR THE TRUE VALIANT

POWERED BY

## C27G42E




The C27G42E features a 1500R curved Fast VA panel, 180Hz refresh rate, and 1ms GtG response time for smooth visuals. With HDR10, AdaptiveSync, and low input lag, it delivers reliable performance. A sturdy esports base, built-in speakers, and G-Menu software add functionality to this practical gaming monitor.

- 1500R Curved
- 180Hz Refresh Rate
- Adaptive sync
- Low Input Lag
- Live the game at its best with HDR10
- 0.5ms MPRT - Moving Picture Response Time
- E-sports monitor stand
- Speakers
- GMENU
- 1ms Response time GTG - Grey-to-Grey

## 1500R CURVED

Curved design wraps around you putting you at the center of the action and provides an immersive gaming experience.






## 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.

## ADAPTIVE SYNC

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.






## 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.

## LIVE THE GAME AT ITS BEST WITH HDR10

HDR10 is here to enhance picture quality even further, improving the synchronization of your GPU or your console with the monitor. This creates a more realistic, immersive, and smooth gaming experience: You'll feel like stepping in the game, frame by frame.






## 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.

## 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.





## SPEAKERS

Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you’ll enjoy quality audio without the hassle of connecting external speakers.

## GMENU

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




## 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

| | |
|---|---|
| Model Name | C27G42E |
| Brand | AOC |
| Channel | Gaming |
| Product line | AOC Gaming |
| Design family | G42 |
| Launch date (ETA) | 3/1/2025 |
| EAN | 4038986182638 |

## DISPLAY INFORMATION

| | |
|---|---|
| Screen size (inch) | 27,0 |
| Screen size (cm) | 68,6 |
| Flat / Curved | Curved |
| Curvature Radius | 1500R |
| Panel treatment | Antiglare (AG) |
| Pixels per Inch | 81,0 |
| Panel resolution | 1920x1080 |
| Aspect ratio | 16:9 |
| Panel type | Fast VA |
| Backlight type | WLED |
| Max Refresh rate | 180 Hz |
| Response time GtG (typical) | 1 ms |
| Response time MPRT | 0.5 ms |
| Static contrast ratio (typical) | 3000:1 |
| Viewing angle (CR10) | 178/178 |
| Display colours | 16.7 Million |
| Brightness in nits (typical) | 300 cd/m² |

## VIDEO FEATURES

| | |
|---|---|
| Sync technology (VRR) | Adaptive Sync |
| Digital Signal Frequency Vertical | 48-180Hz |
| Digital Signal Frequency Horizontal | 30-200kHz |
| HDR (High Dynamic Range) | HDR 10 |
| Blue Light Technology | Low Blue Light |
| Colour space (sRGB) CIE 1931 % | 122,6 |
| Colour space (DCI-P3) CIE 1976 % | 92,1 |
| Flicker-Free | Flicker Free |

## CABINET INFORMATION

| | |
|---|---|
| Bezel Colour (front) | Black |
| Cabinet colour (backside) | Black, Red |
| Cabinet finishing (backside) | Matt |
| Removable stand | Yes |
| Speaker power | 2 W x 2 |
| Built-in Microphone | Yes |
| Vesa wallmount | 100x100 |

## ERGONOMIC INFORMATION

| | |
|---|---|
| Tilt | -3° ±2° ~ 21° ±2° |

## GAMING FEATURES

| | |
|---|---|
| Gaming style | Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing |
| Game mode | RTS, FPS, Racing, Gamer 1, Gamer 2, Off |
| Gaming convenience | G-menu |
| PS5 Compatibility | 1920x1080@120Hz |
| Xbox X Compatibility | 1920x1080@120Hz |
| Xbox S Compatibility | 1920x1080@120Hz |

## SUSTAINABILITY

| | |
|---|---|
| WEEE | Yes |
| REACH compliant | Yes |
| RoHs compliant | Yes |
| PVC/BFR free housing | Yes |
| Mercury free | Yes |
| Recycable packaging material | 100 % recycable |
| Carton material | Paper |

## POWER CONSUMPTION

| | |
|---|---|
| Power supply | Internal |
| Power consumption on (typical) in watts | 22,0 |
| Power consumption standby in watts | 0,3 |
| Power consumption off in watts | 0,3 |
| Energy class | E |

| CONNECTIVITY INFORMATION | |
|---|---|
| HDMI | HDMI 2.0 x 2 |
| DisplayPort | DisplayPort 1.4 x 1 |
| Audio Output | Headphone out (3.5mm) |

| PRODUCT DIMENSIONS | |
|---|---|
| Product dimensions incl. base (WxHxD) mm | 611.5x444.8x197.6 |
| Product dimensions excl. base (WxHxD) mm | 611.5x367.7x76.8 |
| Packaging dimensions (WxHxD) mm | 730x441x159 |
| Gross weight incl. package (in kg) | 7,38 |
| Net weight excl. package (in kg) | 4,67 |
| Product without stand (kg) | 4,27 |

| WHAT'S IN THE BOX | |
|---|---|
| HDMI cable | 1x |
| Displayport cable | 1x |
| Power adaptor | 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.