

AGON
BY AOC

ONLY FOR THE TRUE
VALIANT

POWERED BY

Q27G42XNE



The Q27G42XNE features a 27" QHD Fast VA panel, 180Hz refresh rate, and 1ms GtG response time for smooth and detailed visuals. With HDR10, AdaptiveSync (G-Sync TBC), and low input lag, it delivers reliable performance. A battle-station-ready design, recyclable packaging, and G-Menu software make this monitor a practical and eco-friendly choice for gamers.

- **E-sports monitor stand**
- **GMENU**
- **Low Input Lag**
- **180Hz Refresh Rate**
- **0.5ms MPRT - Moving Picture Response Time**
- **1ms Response time GTG - Grey-to-Grey**

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.



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.



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

| | |
|---------------|---------------|
| Model Name | Q27G42XNE |
| Brand | AOC |
| Channel | Gaming |
| Product line | AOC Gaming |
| Design family | G4 |
| EAN | 4038986642613 |

DISPLAY INFORMATION

| | |
|--------------------------|----------------|
| Screen size (inch) | 27,0 |
| Screen size (cm) | 68,58 |
| Flat / Curved | Flat |
| Panel treatment | Antiglare (AG) |
| Pixels per Inch | 108,7 |
| Panel resolution | 2560x1440 |
| Aspect ratio | 16:9 |
| Panel type | Fast VA |
| Backlight type | WLED |
| Max Refresh rate | 180 Hz |
| Response time GtG | 1 ms |
| Response time MPRT | 0.5 ms |
| Static contrast ratio | 5000:1 |
| Viewing angle (CR10) | 178/178 |
| Display colours | 16.7 Million |
| Brightness in nits | 300 cd/m2 |

VIDEO FEATURES

| | |
|---|--|
| Sync technology (VRR) | Adaptive Sync |
| Digital Signal Frequency Vertical | HDMI2.0: 48- 144Hz / DP1.4: 48- 180Hz |
| Digital Signal Frequency Horizontal | HDMI2.0: 30- 230kHz / DP1.4: 30-270kHz |
| HDR (High Dynamic Range) | HDR 10 |
| Blue Light Technology | Low Blue Light |
| Colour space (sRGB) CIE 1976 % | 127,8 |
| Colour space (DCI-P3) CIE 1976 % | 93,1 |
| Colour space (Adobe RGB) CIE 1976 % | 89,2 |
| 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 |
| Kensington Lock | Yes |
| Vesa wallmount | 100x100 |

ERGONOMICS

| | |
|------|-------------------|
| 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 | 2560x1440@120Hz |
| Xbox X Compatibility | 2560x1440@120Hz |
| Xbox S Compatibility | 2560x1440@120Hz |

SUSTAINABILITY

| | |
|------------------------------------|-----------------|
| TCO Certified | No |
| 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 | 27,0 |
| Power consumption standby in watts | 0,5 |
| 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 | 613.9 x 449.6 x 197.6 |
| Product dimensions excl. base (WxHxD) mm | 613.9 x 366.3 x 51.0 |
| Packaging dimensions (WxHxD) mm | 690 x 454 x 126 |
| Gross weight incl. package (in kg) | 5,96 |
| Net weight excl. package (in kg) | 3,7 |
| Product without stand (kg) | 3,31 |

WHAT'S IN THE BOX

| | |
|-------------------|-----|
| HDMI cable | 1x |
| Displayport cable | 1x |
| Power Cable | Yes |

OTHER INFORMATION

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