

**AGON**  
BY AOC

ONLY FOR THE TRUE  
VALIANT

POWERED BY  
**24G42E**



Embark on your gaming journey with the 24G42E 23.8" Full HD monitor, offering crisp 1920x1080 resolution and a fluid 180Hz refresh rate for superior smoothness in every game. Its Fast IPS panel delivers a lightning-fast 1ms GtG response time, ensuring precise and responsive visuals. Equipped with AdaptiveSync, low input lag, and HDR10 support, this monitor enhances both performance and image quality. The ergonomic tilt stand provides comfort during long sessions, while features like MBR MPRT 0.5ms and G-Menu customization elevate your gaming experience to the next level.

- **Frameless design**
- **E-sports monitor stand**
- **GMENU**
- **Low Input Lag**
- **180Hz Refresh Rate**
- **0.5ms MPRT - Moving Picture Response Time**

## 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.

## 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.



| GENERAL                |                | VIDEO FEATURES                      |                          | GAMING FEATURES                         |                                                                          |
|------------------------|----------------|-------------------------------------|--------------------------|-----------------------------------------|--------------------------------------------------------------------------|
| Model Name             | 24G42E         | 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                    | 4038986642583  | Blue Light Technology               | Low Blue Light           | Xbox S Compatibility                    | 1920x1080@120Hz                                                          |
| DISPLAY INFORMATION    |                | CABINET INFORMATION                 |                          | SUSTAINABILITY                          |                                                                          |
| Screen size (inch)     | 23,8           | Colour space (sRGB) CIE 1976 %      | 129,3                    | TCO Certified                           | No                                                                       |
| Screen size (cm)       | 60,5           | Colour space (DCI-P3) CIE 1976 %    | 93,9                     | WEEE                                    | Yes                                                                      |
| Flat / Curved          | Flat           | Colour space (Adobe RGB) CIE 1976 % | 91,5                     | REACH compliant                         | Yes                                                                      |
| Panel treatment        | Antiglare (AG) | Flicker-Free                        | Flicker Free             | RoHs compliant                          | Yes                                                                      |
| Pixel Pitch (mm)       | 0,2745         | ERGONOMICS                          |                          | PVC/BFR free housing                    | Yes                                                                      |
| Pixels per Inch        | 92,56          | Bezel Colour (front)                | Black                    | Mercury free                            | Yes                                                                      |
| Panel resolution       | 1920x1080      | Cabinet colour (backside)           | Black                    | Recycable packaging material            | 100 % recycable                                                          |
| Aspect ratio           | 16:9           | Cabinet finishing (backside)        | Matt                     | Carton material                         | Paper                                                                    |
| Panel type             | Fast IPS       | Removable stand                     | Yes                      | POWER CONSUMPTION                       |                                                                          |
| Backlight type         | WLED           | Kensington Lock                     | Yes                      | Power supply                            | Internal                                                                 |
| Max Refresh rate       | 180 Hz         | Vesa wallmount                      | 100x100                  | Power consumption on (typical) in watts | 19,0                                                                     |
| Response time GtG      | 1 ms           |                                     |                          | Power consumption standby in watts      | 0,5                                                                      |
| Response time MPRT     | 0.5 ms         | Tilt                                |                          | Power consumption off in watts          | 0,3                                                                      |
| Static contrast ratio  | 1000:1         | -3° ±2° ~ 21° ±2°                   |                          | Energy class                            | E                                                                        |
| Dynamic contrast ratio | 80M:1          |                                     |                          |                                         |                                                                          |
| Viewing angle (CR10)   | 178/178        |                                     |                          |                                         |                                                                          |
| Display colours        | 16.7 Million   |                                     |                          |                                         |                                                                          |
| Brightness in nits     | 300 cd/m²      |                                     |                          |                                         |                                                                          |

## 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 x1              |
| DisplayPort  | DisplayPort 1.4 x1       |
| Audio Output | Headphone out<br>(3.5mm) |

## PRODUCT DIMENSIONS

|                                          |                     |
|------------------------------------------|---------------------|
| Product dimensions incl. base (WxHxD) mm | 540 x 424.3 x 193.9 |
| Product dimensions excl. base (WxHxD) mm | 540 x 325 x 50.6    |
| Packaging dimensions (WxHxD) mm          | 610 x 395 x 126     |
| Gross weight incl. package (in kg)       | 5,61                |
| Net weight excl. package (in kg)         | 3,0                 |
| Product without stand (kg)               | 2,62                |

## WHAT'S IN THE BOX

|                   |     |
|-------------------|-----|
| HDMI cable        | 1.8 |
| Displayport cable | 1x  |
| Power Cable       | Yes |

## OTHER INFORMATION

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