AGON BY AOC

# UNLEASH YOUR POTENTIAL

POWERED BY

## 24G4E

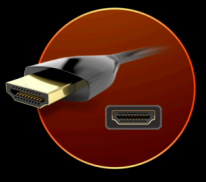


Unleash the power of the G4 series with the 24G4E – a weapon that both casuals and home gamers would equip. Brace yourself for an eSports upgrade, featuring a compact 23.8-inch display and a lightning-fast IPS panel. Witness the elimination of motion blur with up to 1ms GtG response time and an inspiring 180 Hz refresh rate. A truly optimal gaming experience will wait for you with low input lag. Say goodbye to restrictions with a three-side frameless design, giving you the entire battlefield for your gaming adventures. HDR10 takes your content to the next level.

- HDMI
- AOC G-menu
- Low Input Lag
- 0.5msMPRT - Moving Picture Response Time
- 180Hz Refresh Rate
- 1ms Response time GTG - Grey-to-Grey
- FHD Resolution
- IPS Panel
- Wide Colour Gamut
- Adaptive sync
- G-SYNC Compatible
- Live the game at its best with HDR10
- Three-Year Warranty

## HDMI

HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).



HDMI



## AOC G-MENU

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.







## 0.5MSMPRT - 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.

## 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.




## 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.

## FHD RESOLUTION

Want to watch a Blu-ray movie in full quality, enjoy games in high resolution or read crisp text in office applications? Thanks to its Full HD resolution of 1920 x 1080 pixels, this monitor lets you do just that. Whatever you are viewing, with Full HD it will be displayed in rich detail without requiring a high-end graphics card or consuming a lot of your system’s resources.

## IPS PANEL

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colors. Colors look consistent no matter from which angle you look at the display.

## WIDE COLOUR GAMUT

When you are enjoying photos, videos or games, we want your screen content to look as lifelike as possible. That is why this display comes with Wide Colour Gamut technology, which means that it is able to display a lot more colours than conventional monitors. This is achieved through a special hardware solution, not through mere software adjustments. The result: true-to-life images with fine details that become visible thanks to the broader colour palette.

## 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.

## 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




## 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.

# THREE-YEAR WARRANTY

AOC stands behind the quality of each and every monitor with a generous three-year warranty starting from the original date of purchase. Within the warranty period, any AOC displays with manufacturing defects or faulty components will be repaired or replaced at no additional charge.

## GENERAL

| | |
|---|---|
| Model Name | 24G4E |
| Brand | AOC |
| Channel | Gaming |
| Product line | AOC Gaming |
| Design family | G4 |
| EAN | 4038986181402 |

## DISPLAY INFORMATION

| | |
|---|---|
| Screen size (inch) | 23,8 |
| Screen size (cm) | 60,5 |
| Flat / Curved | Flat |
| Panel treatment | Antiglare (AG) |
| Pixel Pitch (mm) | 0,2745 |
| Pixels per Inch | 92,0 |
| Panel resolution | 1920x1080 |
| Aspect ratio | 16:9 |
| Panel type | IPS |
| Backlight type | WLED |
| Max Refresh rate | 180 Hz |
| Response time GtG (typical) | 1 ms |
| Response time MPRT | 0.5 ms |
| Static contrast ratio (typical) | 1000:1 |
| Viewing angle (CR10) | 178/178 |
| Display colours | 16.7 Million |
| Brightness in nits (typical) | 300 cd/m² |

## VIDEO FEATURES

| | |
|---|---|
| Sync technology (VRR) | G-SYNC Compatible + 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 1976 % | 130,4 |
| Colour space (DCI-P3) CIE 1976 % | 93,4 |
| Flicker-Free | Flicker Free |

## CABINET INFORMATION

| | |
|---|---|
| Bezel Colour (front) | Black |
| Cabinet colour (backside) | Black, Grey |
| Cabinet finishing (backside) | Matt |
| Removable stand | Yes |
| Kensington Lock | Yes |
| Vesa wallmount | 100x100 |

## ERGONOMIC INFORMATION

| | |
|---|---|
| Tilt | -3.5° ±1.5° ~ 21.5° ±1.5° |

## 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 |

## SUSTAINABILITY

| | |
|---|---|
| TCO Certified | No |
| Carton material | Paper |
| Carton material print | Water Print (Brown Carton) |

## POWER CONSUMPTION

| | |
|---|---|
| Power supply | Internal |
| Power consumption on (typical) in watts | 21,0 |
| Power consumption standby in watts | 0,5 |
| Power consumption off in watts | 0,3 |

## CONNECTIVITY INFORMATION

| | |
|---|---|
| HDMI | HDMI 2.0 x 2 |
| Digital HDCP (HDMI version) | HDCP 2.2 |
| DisplayPort | DisplayPort 1.4 x 1 |
| Audio Output | 1x Audio out |

## PRODUCT DIMENSIONS

| | |
|---|---|
| Product dimensions incl. base (WxHxD) mm | 540.0 x (380.6~493.6) x 207.6 |
| Product dimensions excl. base (WxHxD) mm | 540.0 x 325.0 x 50.6 |
| Packaging dimensions (WxHxD) mm | 613 × 477 x 189 |
| Gross weight incl. package (in kg) | 6,9 |
| Product with stand (kg) | 4,41 |
| Product without stand (kg) | 2,58 |

## WHAT'S IN THE BOX

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

## OTHER INFORMATION

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


### LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products and accessories mentioned may vary by country and region. 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.