AGON BY AOC

UNLEASH YOUR POTENTIAL

POWERED BY

24G4EM

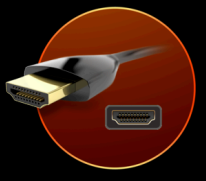


Unleash the power of the G4 series with the 24G4E – a weapon that both casuals and home gamers would equip. Brace yourself for an eSports upgrade, featuring a compact 23.8-inch display and a lightning-fast IPS panel. Witness the elimination of motion blur with up to 1ms GtG response time and an inspiring 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
- Three-Year Warranty
- AOC G-menu
- Low Input Lag
- 180Hz Refresh Rate
- FHD Resolution
- IPS Panel
- Wide Colour Gamut
- Adaptive sync
- 1ms MPRT Response Time

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

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.

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.

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.

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.

1MS MPRT RESPONSE TIME

The AOC monitor with 1ms MPRT Response reduces significantly the motion blur, making fast-paced action look crisp and clear, providing an edge in reaction-sensitive games. More than speed, the AOC monitor with a 1ms MPRT is a seamless, fluid motion that immerses you in the virtual world. Whether navigating through a fast-paced racing game or engaged in a high-stakes battle, every millisecond counts.

GENERAL

Model Name	24G4EM
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 MPRT	1 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 Mode
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	126.8
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
Displayport 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.