AGON BY AOC

ONLY FOR THE TRUE VALIANT

POWERED BY

C24G42E



The C24G42E features a 1500R curved Fast VA panel, 180Hz refresh rate, and 1ms GtG response time for smooth visuals. With HDR10, FreeSync Premium, 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
- 1ms Response time GTG - Grey-to-Grey
- Freesync Premium
- Low Input Lag
- Live the game at its best with HDR10
- 0.5ms MPRT - Moving Picture Response Time
- E-sports monitor stand
- Speakers
- GMENU

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.

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.



FREESYNC PREMIUM

Enjoy the best quality visuals even in fast paced games. The AMD FreeSync Premium Technology ensures that the GPU's and monitor's refresh rates are synchronised, which provides a fluid, tear free gaming experience at highest performance. The AMD FreeSync Premium features a refresh rate of minimum 120Hz, decreasing blur and sharpening the picture for a more life-like experience. The LFC feature eliminates the risk of stutter in case the frame rate drops below the refresh rate.

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.





VESA CERTIFIED DisplayHDR 400

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.

GENERAL

Model Name	C24G42E
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G4
Launch date (ETA)	3/1/2025
EAN	4038986142625

DISPLAY INFORMATION

Screen size (inch)	23.6
Screen size (cm)	59.9
Flat / Curved	Curved
Curvature Radius	1500R
Panel treatment	Antiglare (AG)
Pixels per Inch	93.3
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	VA
Backlight type	WLED
Max Refresh rate	180 Hz
Response time GtG (typical)	4 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)	250 cd/m²

VIDEO FEATURES

Sync technology (VRR)	Freesync Premium
Digital Signal Frequency Vertical	30-200kHz
Digital Signal Frequency Horizontal	48-180Hz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	117.0
Colour space (DCI-P3) CIE 1976 %	88.8
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

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

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	20.0
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	536.7 x 422.6 x 193.9
Product dimensions excl. base (WxHxD) mm	536.7 x 322.6 x 70.8
Packaging dimensions (WxHxD) mm	650 x 415 x 159
Gross weight incl. package (in kg)	5.56
Net weight excl. package (in kg)	3.18
Product without stand (kg)	2.82

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, 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.