

AGON
BY AOC

ONLY FOR THE TRUE
VALIANT

POWERED BY
C27G42E



The C27G42E features a 1500R curved Fast VA panel, 180Hz refresh rate, and 1ms GtG response time for smooth visuals. With HDR10, AdaptiveSync, 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**
- **Adaptive sync**
- **Low Input Lag**
- **Live the game at its best with HDR10**
- **0.5ms MPRT - Moving Picture Response Time**

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.

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.



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.

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.

GENERAL		VIDEO FEATURES		GAMING FEATURES	
Model Name	C27G42E	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
Brand	AOC	Digital Signal Frequency Vertical	48-180Hz	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Channel	Gaming	Digital Signal Frequency Horizontal	30-200kHz	Gaming convenience	G-menu
Product line	AOC Gaming	HDR (High Dynamic Range)	HDR 10	PS5 Compatibility	1920x1080@120Hz
Design family	G42	Blue Light Technology	Low Blue Light	Xbox X Compatibility	1920x1080@120Hz
Launch date (ETA)	3/1/2025	Colour space (sRGB) CIE 1931 %	122,6	Xbox S Compatibility	1920x1080@120Hz
EAN	4038986182638	Colour space (DCI-P3) CIE 1976 %	92,1	SUSTAINABILITY	
DISPLAY INFORMATION		Flicker-Free	Flicker Free	WEEE	Yes
Screen size (inch)	27,0	CABINET INFORMATION		REACH compliant	Yes
Screen size (cm)	68,6	Bezel Colour (front)	Black	RoHs compliant	Yes
Flat / Curved	Curved	Cabinet colour (backside)	Black, Red	PVC/BFR free housing	Yes
Curvature Radius	1500R	Cabinet finishing (backside)	Matt	Mercury free	Yes
Panel treatment	Antiglare (AG)	Removable stand	Yes	Recycable packaging material	100 % recycable
Pixels per Inch	81,0	Speaker power	2 W x 2	Carton material	Paper
Panel resolution	1920x1080	Built-in Microphone	Yes	POWER CONSUMPTION	
Aspect ratio	16:9	Vesa wallmount	100x100	Power supply	Internal
Panel type	Fast VA	ERGONOMICS		Power consumption on (typical) in watts	22,0
Backlight type	WLED	Tilt	-3° ±2° ~ 21° ±2°	Power consumption standby in watts	0,3
Max Refresh rate	180 Hz			Power consumption off in watts	0,3
Response time GtG	1 ms			Energy class	E
Response time MPRT	0.5 ms				
Static contrast ratio	3000:1				
Viewing angle (CR10)	178/178				
Display colours	16.7 Million				
Brightness in nits	300 cd/m²				

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	611.5x444.8x197.6
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Product dimensions excl. base (WxHxD) mm	611.5x367.7x76.8
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Packaging dimensions (WxHxD) mm	730x441x159
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Gross weight incl. package (in kg)	7,38
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Net weight excl. package (in kg)	4,67
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Product without stand (kg)	4,27
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WHAT'S IN THE BOX

HDMI cable	1x
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Displayport cable	1x
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Power adaptor	Yes
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OTHER INFORMATION

Warranty period	3 years
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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.