AGON BY AOC

ONLY FOR THE TRUE VALIANT

POWERED BY

CQ27G42FE



The 27" QHD VA gaming monitor delivers fast and responsive gameplay with a 170 Hz refresh rate and 0.5ms response time. With Adaptive Sync for smoother gameplay and anti-blue light technology for added comfort, it is built for fast action and longer sessions.

- 1500R Curved
- QHD Resolution
- 170Hz Refresh Rate
- 0.5ms MPRT - Moving Picture Response Time
- Adaptive sync
- Low Input Lag
- Live the game at its best with HDR10
- Flicker Free
- Speakers
- GMENU

1500R CURVED

Curved design wraps around you putting you at the center of the action and provides an immersive gaming experience.





QHD RESOLUTION

With 2560 x 1440 resolution, Quad HD (QHD) offers superior picture quality and sharp imagery that reveals the finest details. The widescreen 16:9 aspect ratio provides plenty of space to spread out and work, plus allows you to enjoy games or movies in their original size.

170HZ REFRESH RATE

A 170Hz refresh rate, well over twice the industry standard of 60Hz, makes games run smooth as silk. Realize the potential in your graphics card. Forget screen tearing and forget motion blur. Feel your reflexes become one with the action. Never look back.





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.

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.





FLICKER FREE

AOC Flicker-Free Technology utilises a DC (Direct Current) backlight panel, reducing flickering light levels. With eye strain and fatigue absolutely minimized, feel free to enjoy those long, intense gaming sessions in comfort!

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	CQ27G42FE
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G42
Launch date (ETA)	10/1/2026
EAN	4038986183727

DISPLAY INFORMATION

Screen size (inch)	27.0
Screen size (cm)	68.6
Flat / Curved	Curved
Curvature Radius	1500R
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0.2331
Pixels per Inch	109.0
Panel resolution	2560x1440
Aspect ratio	16:9
Panel type	VA
Backlight type	WLED
Max Refresh rate	170 Hz OC
Response time GtG (typical)	4 ms
Response time MPRT	0.5 ms
Static contrast ratio (typical)	4000:1
Viewing angle (CR10)	178/178
Display colours	16.7M (8bits)
Brightness in nits (typical)	300 cd/m²

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	HDMI: 48Hz~144Hz; DP: 48Hz~170Hz
Digital Signal Frequency Horizontal	HDMI: 30KHz~230KHz; DP: 30KHz~255KHz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Anti blue light (Hardware)
Colour space (sRGB) CIE 1976 %	128.2
Colour space (DCI-P3) CIE 1976 %	95.3
Flicker-Free	Flicker Free

CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black/Red
Cabinet finishing (backside)	Texture
Speaker power	2 W x 2
Kensington Lock	Yes
Vesa wallmount	100x100
MonitorWebcam	No

ERGONOMIC INFORMATION

Tilt	-3.5°±1.5°~2.15°±1.5°

GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu
PS5 Compatibility	2560x1440@120Hz
Xbox X Compatibility	2560x1440@120Hz
Xbox S Compatibility	2560x1440@120Hz

SUSTAINABILITY

Carton material	Paper
Carton material print	Water Print (Brown Carton)

POWER CONSUMPTION

Power supply	Internal
Power consumption on (maximum) in watts	40.0
Power consumption on (typical) in watts	25.0
Power consumption standby in watts	0.3
Power consumption off in watts	0.3
Energy class	F

CONNECTIVITY INFORMATION	
HDMI	HDMI 2.0 x 1
Digital HDCP (HDMI version)	HDCP 1.4/2.2
DisplayPort	DisplayPort 1.4 x 1
Audio Output	Headphone out (3.5mm)
DP HDCP version	HDCP 1.4/2.2

PRODUCT DIMENSIONS	
Product dimensions incl. base (WxHxD) mm	611.5 x 444.8 x 197.6
Product dimensions excl. base (WxHxD) mm	611.5 x 367.6 x 76.8
Packaging dimensions (WxHxD) mm	730 x 446 x 159
Gross weight incl. package (in kg)	7.23
Net weight excl. package (in kg)	4.61
Product without stand (kg)	4.02

WHAT'S IN THE BOX	
HDMI cable	1.8
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.