

AGON
BY AOC

EVERY MILLISECOND
MATTERS

POWERED BY
G2590VXQ



1_{ms}



SHADOW
CONTROL



75_{Hz}

AMD
FreeSync

75 Hz refresh rate, 1 ms response time and FreeSync support ensure smooth responsiveness. Improve your gameplay with 24.5" fast TN panel in Full HD resolution.

- **1ms Response time GTG - Grey-to-Grey**
- **Freesync**
- **75Hz Refresh Rate**
- **FHD Resolution**
- **AOC Game Color and Shadow control**

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

The AMD FreeSync Technology ensures that the GPU's and monitor's refresh rates are synchronised, which provides a smooth, tear free gaming experience. You will appreciate the low input lag if you're looking for the best quality visuals in fast paced games.

75HZ REFRESH RATE

Get the upper edge! With a 75 Hz refresh rate, the display panel draws 75 frames each second. 75 Hz refresh rate is 25% faster than what is offered on most entry level displays at 60 Hz, while still being affordable and delivering those extra frames gamers need to beat their opponents.



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.

AOC GAME COLOR AND SHADOW CONTROL

Bring the battle out of the shadows with AOC Shadow Control and AOC Game Color! Adjust grey levels for better picture detail and brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.



GENERAL		CABINET INFORMATION		POWER CONSUMPTION	
Model Name	G2590VXQ	Bezel Colour (front)	Black, Red	Power supply	Internal
Channel	Gaming	Cabinet colour (backside)	Black	Power consumption on (Energystar test method) in watts	25,0
Product line	AOC Gaming	Cabinet finishing (backside)	Texture	Power consumption standby in watts	0,5
Design family	G90	Removable stand	Yes	Power consumption off in watts	0,5
Launch date (ETA)	11/28/2017	Speaker power	2 W x 2	Energy class	E
EAN	4038986166102	Vesa wallmount	100x100		
DISPLAY INFORMATION		ERGONOMICS		REGULATORY COMPLIANCE	
Screen size (inch)	24,5	Tilt	-3,5/19,5	CB	Yes
Screen size (cm)	62,23	Pivot	No	CE	Yes
Flat / Curved	Flat			TUV-Bauart-Mark	Yes
Display hardness	3H	GAMING FEATURES		ISO 9241-307	Yes
Pixel Pitch (mm)	0,2832	Gaming style	MMORPG, Action, RTS, Beat'm up	EAC	Yes
Panel resolution	1920x1080	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off	FCC	Yes
Aspect ratio	16:9	Gaming convenience	G-menu	Microsoft WHQL	Yes
Panel type	TN			Pixel policy	ISO 9241-307
Backlight type	WLED	SUSTAINABILITY		CONNECTIVITY INFORMATION	
Max Refresh rate	75 Hz	WEEE	Yes	HDMI	HDMI 1.4 x 2
Response time GtG	1 ms	RoHs compliant	Yes	DisplayPort	DisplayPort 1.2 x 1
Static contrast ratio	1000:1	Mercury free	Yes	Audio Output	Headphone out (3.5mm)
Dynamic contrast ratio	20M:1	Recycable packaging material	100 % recycable	D-SUB (VGA)	1x
Viewing angle (CR10)	170/160				
Display colours	16.7 Million	VIDEO FEATURES			
Brightness in nits	250 cd/m²	Sync technology (VRR)	Freesync		
		Blue Light Technology	Low Blue Light		
		Flicker-Free	Flicker Free		

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	419.8(H) x 558.6(W) x 179.5(D)
Packaging dimensions (WxHxD) mm	417(H) x 627(W) x 173(D)
Gross weight incl. package (in kg)	6,62
Net weight excl. package (in kg)	4,3

WHAT'S IN THE BOX

HDMI cable	1.8
D-SUB (VGA) cable	1.8
Displayport cable	1.8
Audio cable	1.8
Power cable C7	1.8

OTHER INFORMATION

Warranty period	3 years
MTBF	50.000 hours (excluded backlight)

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.