

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			ISO 9241-307	Yes
Pixel Pitch (mm)	0,2832			EAC	Yes
Panel resolution	1920x1080	GAMING FEATURES		FCC	Yes
Aspect ratio	16:9	Gaming style	MMORPG, Action, RTS, Beat'm up	Microsoft WHQL	Yes
Panel type	TN	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off	Pixel policy	ISO 9241-307
Backlight type	WLED	Gaming convenience	G-menu		
Max Refresh rate	75 Hz			CONNECTIVITY INFORMATION	
Response time GtG	1 ms			HDMI	HDMI 1.4 x 2
Static contrast ratio	1000:1			DisplayPort	DisplayPort 1.2 x 1
Dynamic contrast ratio	20M:1	SUSTAINABILITY		Audio Output	Headphone out (3.5mm)
Viewing angle (CR10)	170/160	WEEE	Yes	D-SUB (VGA)	1x
Display colours	16.7 Million	RoHs compliant	Yes		
Brightness in nits	250 cd/m²	Mercury free	Yes		
		Recycable packaging material	100 % recycable		
VIDEO FEATURES					
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
-----------------	---------