

AGON
BY **AOC**

EVERY MILLISECOND
MATTERS

POWERED BY
G2590FX



AMD
FreeSync
Premium

NVIDIA
G-SYNC



It is fast! 144 Hz refresh rate coupled with 1 ms response time and FreeSync Premium support. 24.5" display in Full HD on a sleek, 3-sides frameless design.

- **1ms Response time GTG - Grey-to-Grey**
- **FreeSync Premium and G-SYNC Compatible**
- **FHD Resolution**
- **AOC Game Color and Shadow control**
- **144Hz Refresh Rate**

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 AND G-SYNC COMPATIBLE

The most fluid and tear-free gaming experience, no matter what GPU you use. FreeSync Premium ensures a high refresh rate of at least 120Hz, as well as low framerate compensation for AMD graphics cards. Those who use a NVIDIA product instead can also enjoy the benefits and let their games run as smoothly as possible

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.

144HZ REFRESH RATE

Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 144Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.



GENERAL		VIDEO FEATURES		SUSTAINABILITY	
Model Name	G2590FX	Sync technology (VRR)	Freesync Premium	TCO Certified	7
Channel	Gaming	Blue Light Technology	Low Blue Light	WEEE	Yes
Product line	AOC Gaming	Colour space (sRGB) CIE 1931 %	102,0	RoHs compliant	Yes
Design family	G90	Colour space (Adobe RGB) CIE 1931 %	81,0	Mercury free	Yes
Launch date (ETA)	11/28/2017	Flicker-Free	Flicker Free	Recycable packaging material	100 % recycable
EAN	4038986166423				
DISPLAY INFORMATION		CABINET INFORMATION		POWER CONSUMPTION	
Screen size (inch)	24,5	Bezel Colour (front)	Black, Red	Power supply	Internal
Screen size (cm)	62,23	Cabinet colour (backside)	Black	Power consumption on (Energystar test method) in watts	23,0
Flat / Curved	Flat	Cabinet finishing (backside)	Texture	Power consumption standby in watts	0,5
Display hardness	3H	Removable stand	Yes	Power consumption off in watts	0,5
Pixel Pitch (mm)	0,2832	Vesa wallmount	100x100	Energy class	F
Panel resolution	1920x1080				
Aspect ratio	16:9	ERGONOMICS		REGULATORY COMPLIANCE	
Panel type	TN	Tilt	-3,5/19,5	CB	Yes
Backlight type	WLED	Pivot	No	CE	Yes
Max Refresh rate	144 Hz			TUV-Bauart-Mark	Yes
Response time GtG	1 ms	GAMING FEATURES		ISO 9241-307	Yes
Static contrast ratio	1000:1	Gaming style	Shooters, Action, FPS (eSports)	EAC	Yes
Dynamic contrast ratio	50M:1	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off	Microsoft WHQL	Yes
Viewing angle (CR10)	170/160	Gaming convenience	G-menu	Pixel policy	ISO 9241-307
Display colours	16.7 Million			CONNECTIVITY INFORMATION	
Brightness in nits	400 cd/m ²			HDMI	HDMI 1.4 x 2
				DisplayPort	DisplayPort 1.2 x 1
				Audio Output	Headphone out (3,5mm)
				D-SUB (VGA)	1x

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	558.6(H) x 199.7(W) x 423.7(D)
Packaging dimensions (WxHxD) mm	417(H) x 627(W) x 173(D)
Gross weight incl. package (in kg)	6,1
Net weight excl. package (in kg)	4,27

WHAT'S IN THE BOX

HDMI cable	1.8
Displayport cable	1.8
Audio cable	1.8
Power cable C7	1.8

OTHER INFORMATION

Warranty period	3 years
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