AGON BY AOC

EVERY MILLISECOND MATTERS

POWERED BY

G2590FX



1ms GTG | AMD FreeSync Premium | NVIDIA G-SYNC | SHADOW CONTROL | FHD

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

Model Name	G2590FX
Channel	Gaming
Product line	AOC Gaming
Design family	G90
Launch date (ETA)	11/28/2017
EAN	4038986166423

DISPLAY INFORMATION

Screen size (inch)	24,5
Screen size (cm)	62,23
Flat / Curved	Flat
Display hardness	3H
Pixel Pitch (mm)	0,2832
Panel resolution	1920x1080
Aspect ratio	16:9
Panel type	TN
Backlight type	WLED
Max Refresh rate	144 Hz
Response time GtG (typical)	1 ms
Static contrast ratio (typical)	1000:1
Dynamic contrast ratio	50M:1
Viewing angle (CR10)	170/160
Display colours	16.7 Million
Brightness in nits (typical)	400 cd/m²

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
AMD FreeSync™	AMD FreeSync Premium
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1931 %	102,0
Colour space (Adobe RGB) CIE 1931 %	81,0
Flicker-Free	Flicker Free

CABINET INFORMATION

Bezel Colour (front)	Black, Red
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Removable stand	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION

Tilt	-3,5/19,5
Pivot	No

GAMING FEATURES

Gaming style	Shooters, Action, FPS (eSports)
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu

SUSTAINABILITY

TCO Certified	7
WEEE	Yes
RoHs compliant	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable

POWER CONSUMPTION

Power supply	Internal
Power consumption on (Energystar test method) in watts	23,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,5
Energy class	F

REGULATORY COMPLIANCE

CB	Yes
CE	Yes
TUV-Bauart-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
Microsoft WHQL	Yes
Pixel policy	ISO 9241-307

CONNECTIVITY INFORMATION

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
Product with stand (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
MTBF	50.000 hours (excluded backlight)

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products and accessories mentioned may vary by country and region. 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.