

AGON
BY AOC

EVERY MILLISECOND
MATTERS

POWERED BY
G2590PX



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, supported by ergonomic stand plus USB hub.

- **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	G2590PX	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 %	96,0	RoHs compliant	Yes
Design family	G90	Colour space (Adobe RGB) CIE 1931 %	84,0	Mercury free	Yes
Launch date (ETA)	11/28/2017	Flicker-Free	Flicker Free	Recyclable packaging material	100 % recycable
EAN	4038986166096			POWER CONSUMPTION	
DISPLAY INFORMATION		CABINET INFORMATION		Power supply	Internal
Screen size (inch)	24,5	Bezel Colour (front)	Black, Red	Power consumption on (Energystar test method) in watts	28,0
Screen size (cm)	62,23	Cabinet colour (backside)	Black	Power consumption standby in watts	0,5
Flat / Curved	Flat	Cabinet finishing (backside)	Texture	Power consumption off in watts	0,5
Display hardness	3H	Removable stand	Yes	Energy class	F
Pixel Pitch (mm)	0,2832	Speaker power	2 W x 2	REGULATORY COMPLIANCE	
Panel resolution	1920x1080	Vesa wallmount	100x100	CB	Yes
Aspect ratio	16:9	ERGONOMICS		CE	Yes
Panel type	TN	Tilt	-3,5/19,5	TUV-Bauart-Mark	Yes
Backlight type	WLED	Height adjust (mm)	130mm	ISO 9241-307	Yes
Max Refresh rate	144 Hz	Swivel	-45/45	EAC	Yes
Response time GtG	1 ms	Pivot	Yes	Microsoft WHQL	Yes
Static contrast ratio	1000:1	GAMING FEATURES		Pixel policy	ISO 9241-307
Dynamic contrast ratio	50M:1	Gaming style	Shooters, Action, FPS (eSports)		
Viewing angle (CR10)	170/160	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off		
Display colours	16.7 Million	Gaming convenience	G-menu		
Brightness in nits	400 cd/m ²				

CONNECTIVITY INFORMATION

HDMI	HDMI 1.4 x 2
DisplayPort	DisplayPort 1.2 x 1
USB Hub	Yes
USB type downstream	4
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
USB generation	USB 3.0 (4 USB downstream ports)
D-SUB (VGA)	1x

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	513.2(H) x 558.6(W) x 199.5(D)
Packaging dimensions (WxHxD) mm	417(H) x 626(W) x 203(D)
Gross weight incl. package (in kg)	7,75
Net weight excl. package (in kg)	5,43

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
-----------------	---------