

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		GAMING FEATURES	
Model Name	G2590PX	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, Action, FPS (eSports)
Channel	Gaming	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Product line	AOC Gaming	AMD FreeSync™	AMD FreeSync Premium	Gaming convenience	G-menu
Design family	G90	Blue Light Technology	Low Blue Light		
Launch date (ETA)	11/28/2017				
EAN	4038986166096				
DISPLAY INFORMATION		SUSTAINABILITY			
Screen size (inch)	24,5	TCO Certified	7		
Screen size (cm)	62,23	WEEE	Yes		
Flat / Curved	Flat	RoHs compliant	Yes		
Display hardness	3H	Mercury free	Yes		
Pixel Pitch (mm)	0,2832	Recycable packaging material	100 % recycable		
Panel resolution	1920x1080	POWER CONSUMPTION			
Aspect ratio	16:9	Power supply	Internal		
Panel type	TN	Power consumption on (Energystar test method) in watts	28,0		
Backlight type	WLED	Power consumption standby in watts	0,5		
Max Refresh rate	144 Hz	Power consumption off in watts	0,5		
Response time GtG	1 ms	Energy class	F		
Static contrast ratio	1000:1	REGULATORY COMPLIANCE			
Dynamic contrast ratio	50M:1	CB	Yes		
Viewing angle (CR10)	170/160	CE	Yes		
Display colours	16.7 Million	TUV-Bauart-Mark	Yes		
Brightness in nits	400 cd/m²	ISO 9241-307	Yes		
		EAC	Yes		
		Microsoft WHQL	Yes		
		Pixel policy	ISO 9241-307		
CABINET INFORMATION					
Bezel Colour (front)	Black, Red				
Cabinet colour (backside)	Black				
Cabinet finishing (backside)	Texture				
Removable stand	Yes				
Speaker power	2 W x 2				
Vesa wallmount	100x100				
ERGONOMICS					
Tilt	-3,5/19,5				
Height adjust (mm)	130mm				
Swivel	-45/45				
Pivot	Yes				

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
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