











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.

- Ims Response time GTG -Grev-to-Grev
- 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	(VRR) Prei	Freesync	TCO Certified	7
Channel	Gaming		Premium	WEEE	Yes
Product line	AOC Gaming	Blue Light Technology	Low Blue Light	RoHs compliant	Yes
Design family	G90	Colour space (sRGB) CIE 1931 %	96,0	Mercury free	Yes
Launch date (ETA)	11/28/2017			Recycable	100 % recycable
EAN	4038986166096	Colour space 84,0 (Adobe RGB) CIE		packaging material	
		1931 %			
DISPLAY INFORMATION		Flicker-Free	Flicker Free	POWER CONSUME	PTION
Screen size (inch)	24,5			Power supply	Internal
Screen size (cm)	62,23	CABINET INFORMA	ATION	Power	28,0
Flat / Curved	Flat	Bezel Colour	Black, Red	consumption on (Energystar test	
Display hardness	3H	(front) Cabinet colour	Black	method) in watts	
Pixel Pitch (mm)	0,2832	(backside)	DIACK	Power	0,5
Panel resolution	1920x1080	Cabinet finishing	Texture	consumption standby in watts	
Aspect ratio	16:9	(backside)		Power	0,5
Panel type	TN	Removable stand	Yes	consumption off in watts	
Backlight type	WLED	Speaker power	2 W x 2	Energy class	F
Max Refresh rate	144 Hz	Vesa wallmount	100x100		
Response time	1 ms	ERGONOMICS		REGULATORY COMPLIANCE	
GtG			7.5.40.5	СВ	Yes
Static contrast ratio	1000:1	Tilt	-3,5/19,5	CE	Yes
Dynamic contrast ratio	50M:1	Height adjust (mm)	130mm	TUV-Bauart-Mark	Yes
		Swivel	-45/45	ISO 9241-307	Yes
Viewing angle (CR10)	170/160	Pivot	Yes	EAC	Yes
Display colours	16.7 Million			Microsoft WHQL	Yes
Brightness in nits	400 cd/m²	GAMING FEATURE	S	Pixel policy	ISO 9241-307
		Gaming style	Shooters, Action, FPS (eSports)		
		Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off		
		Gaming convenience	G-menu		

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)	lx				

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

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				