G2590FX

24.5 inch (62.2 cm) LCD MONITOR

24.5”, feature packed, sleek gaming at 144 Hz

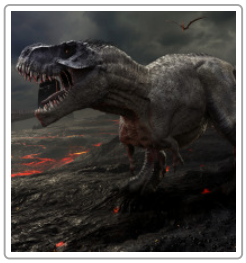
NVIDIA G-SYNC | 144Hz | 1ms | 3 SIDED FRAMELESS | FHD | FLICKER FREE | LOW BLUE MODE | AMD FreeSync Premium

1ms Response Time

A pixel response time of 1ms GTG means speed without the smear for an enhanced experience. Fast-moving action and dramatic transitions will be rendered smoothly without the effects of ghosting.

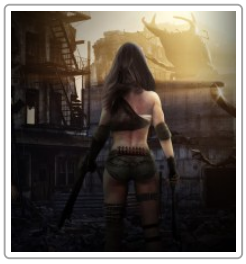
144Hz Refresh Rate

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.



FreeSync Premium

Enjoy the best quality visuals even in fast paced games. The AMD FreeSync Premium Technology ensures that the GPU’s and monitor’s refresh rates are synchronised, which provides a fluid, tear free gaming experience at highest performance. The AMD FreeSync Premium features a refresh rate of minimum 120Hz, decreasing blur and sharpening the picture for a more life-like experience. The LFC feature eliminates the risk of stutter in case the frame rate drops below the refresh rate.



Shadow Control

Bring the battle out of the shadows with Shadow Control! Brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.

3D - G2590FX

https://media.flixfacts.com/3d/3dfw/?arid=7000003

G-SYNC Compatible

Enable flawless picture quality by synchronising new generations of NVIDIA graphics cards* with this FreeSync monitor. See the guideline on how to enable the G-SYNC compatibility:

Guide on how to enable G-SYNC on your FreeSync monitor

*Please refer to NVIDIA website for the complete list of GPUs working with FreeSync monitors

General	
Model name	G2590FX
EAN	4038986166423
Product Line	AOC Gaming
Series	90 Series
Channel	B2C
Classification	Superhero
Section	Gaming
Gaming style	Shooters, Action, FPS (eSports)
Launch date	28-11-2017
Continent	Europe, America
Product status (EU)	Active

Screen	
Resolution	1920x1080
Refresh rate	144Hz
Screen size (inch)	24.5 inch
Screen size (cm)	62.2 cm
Flat / Curved	Flat
Backlight	WLED
Panel Type	TN
Aspect ratio	16:9
Display Colours	16.7 Million
sRGB Coverage (%)	102
Adobe RGB Coverage (%)	81
Active Screen Area (HxW)	543,74x302,62 mm mm
Pixel Pitch	0.2832
Scanning Frequency	H=30~160KHz (DP/HDMI)/ 30~83KHz (other), V=30~146Hz (DP/HDMI)/ 50~76Hz (other)
Pixel Frequency	330Hz
Response time (GtG)	1 ms
Contrast (static)	1000:1
Contrast (dynamic)	50M:1
Brightness (typical)	400 cd/m²
Viewing angle (CR10)	170/160 º
Hard Glass	3H
OSD languages	EN, FR , ES, PT, DE, IT, NL, SE, FI, PL ,CZ, RU, KR, CN (T), CN (S), JP

Exterior	
Monitor colour	Black
Bezel Type	Borderless
Removable Stand	✔

Ergonomics	
Vesa Wallmount	100x100
Tilt	3.5/21.5 °

Multimedia	
Audio output	Headphone out (3,5mm)

Connectivity and Multimedia	
Signal Input	HDMI 1.4 x 2, DisplayPort 1.2 x 1, VGA

What's in the Box?	
HDMI cable	1,8 m
Displayport Cable	1,8 m
Audio Cable	1,8 m
USB cable	1,8 m
Power Cable C7	1.8 m

Power / Environmental	
Powersupply	Internal
Powersource	100 - 240V 50/60Hz
Power Consumption On (Energystar test method)	23 watt
Power Consumption Standby	0.5 watt
Power Consumption Off	0.5 watt
EnergyClass	A

Approbations / Regulations	
TCO	7
TUV-Bauart	✔
CE	✔
EAC	✔
ISO 9241-307 class I	✔
Rohs compliant	✔
other documentation	aoc_2k11_osd

Warranty	
Pixel Policy	ISO 9241-307
Warranty Period	3 Years
MTBF	50.000 hours

Dimensions / Weights	
Product height (mm)	423.7
Product width (mm)	558.6
Product depth (mm)	199.7
Packaging Dimensions (L x W x H)	627x173x417 mm
Product Dimensions (incl base)	558.6x199.7x423.7 mm
Gross Weight (including package)	6.1 Kg
Net Weight (excluding package)	4.27 Kg

Texts and USP	
Marketing title	24.5 inch 1920x1080@144Hz 1 ms TN VGA, DisplayPort 1.2 x 1, HDMI 1.4 x 2 FreeSync Premium

Features	
Sync Technology	FreeSync Premium
G-Sync Compatible	✔
Sync Range	30-144
Flicker-free	✔
Blue Light Technology	Low blue light

Sustainability	
Mercury Free	✔
Recyclable packaging material	100%