

AOC



# DEVELOPED FOR AWESOMENESS

## G2590FX

- › G-Sync Compatible
- › Adaptive Sync
- › 144Hz Refresh Rate
- › 1ms Response Time
- › Low Input Lag



 NVIDIA  
G-SYNC

**144Hz**

**1ms**  
1ms Response Time

**LOW**  
INPUT LAG

**DialPoint**

**HDMI**  
HEADSET WITH MULTIMEDIA INTERFACE

[www.aoc.com](http://www.aoc.com)

vision at **Heart**

## ► Features

### G-Sync Compatible

NVIDIA's trusted "G-Sync Compatible" certification recognizes displays that can deliver high quality variable refresh rate (VRR) in line with the VESA DisplayPort Adaptive-Sync standard and more. Enjoy tear-free, lag-free gaming at the highest level – now with more flexibility and customization potential than ever before due to the wider range of available monitor options.

### A universally respected anti-tearing solution

Screen tearing doesn't only harm gaming performance, it also destroys immersion. Adaptive Sync technology eradicates this disastrous problem by ensuring your monitor's refresh rate is always synced with your processor's.



### The e-sports professional standard for gaming

With a 144Hz refresh rate and 1ms response time, your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.

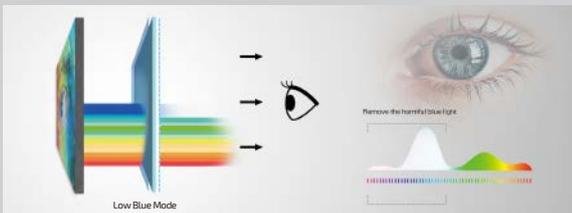


### Protect your eyes from screen flicker

Flicker Free technology uses a smooth backlight system to prevent monitor flickering. This reduces eye strain and other damaging effects to your eyes – an especially valuable feature when working overtime, gaming for long hours or watching movies.

### Reducing shortwave blue light output for healthier eyes

Long exposure to short wavelength blue light may cause eye strain, sleep disorders, or headaches. AOC Low Blue Mode puts the user first by reducing the screen's short wavelength blue light emission without sacrificing color accuracy. Also provides four different filtering modes – reading, web browsing, multimedia, and office.



### Experience more immersive and vivid gameplay

With AOC Game Color, you can adjust color saturation and grey levels across 20 levels of detail for a better game experience. Delight in more vivid MMORPG scenes, more intense FPS action, and better MOBA character details.



### Connecting your eyes with your hands

Low input lag streamlines the user-to-monitor input process. This technology provides much faster motion delivery, so you'll always be up-to-speed with in-game action at just the right time.



### Your custom built-in crosshair

The Dial Point function is specially designed for first person shooting (FPS) gamers. A fixed, custom crosshair is placed at the center of the screen to help with accuracy and focus.

### Connectable with other devices

HDMI compatibility unlocks a wider array of connectivity options for users, including gaming consoles, laptops, Blu-Ray players, and more.

DisplayPort is the main PC-to-monitor connection format in the industry, with better refresh rates and the ability to transmit good quality audio in addition to visual data.



## ► Specifications

Model Name	G2590FX
Panel Size	24.5"
Pixel Pitch (mm)	0.2832 (H) x 0.2802 (V)
Effective Viewing Area (mm)	543.744 (H) x 302.616 (V)
Brightness (typical)	400 cd/m <sup>2</sup>
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Smart Response	1ms (GtG)
Viewing Angle	170° (H) / 160° (V) (CR>10)
Color Gamut	NTSC 83% (CIE 1976) / sRGB 102% (CIE 1931)
Optimum Resolution	1920 x 1080 @ 60Hz – D-Sub 1920 x 1080 @ 144Hz – HDMI & DisplayPort
Display Colors	16.7 Million (RGB 8-bits)
Signal Input	VGA, HDMI 1.4 x 2, DisplayPort 1.2
Power Supply	100-240V ~ 1.5A, 50/60Hz
Smart Power Mode: Typical	23W
Built-in Speakers	no
Regulatory Approvals	CE / FCC / CB / BSMI / Windows 8/8.1 / Windows 10 / cTUVus
Wall-Mount	100mm x 100mm
Cabinet Color	Black & Red
Stand Tilt	-3.5° ± 1.5° ~ 21.5° ± 1.5°
Product with Stand (mm)	423.7 (H) x 558.6 (W) x 199.7 (D)
Packaging (mm)	417 (H) x 627 (W) x 173 (D)
Weight (Net/Gross) kg	4.2 / 6.1