AOC

DEVELOPED FOR AWESOMENESS

G2590FX

144 Hz

1 ms
Millisecond Response

AMD FREESYNC TECHNOLOGY

www.aoc.com

vision at Heart

AOC

► Features

FreeSync Technology
AMD FreeSync technology synchronizes the GPU and the monitor so frames are displayed when ready: no tearing or stuttering

Why FreeSync is better
- High performance solution with all the benefits of variable refresh rate technology
- Based on industry standards, not expensive proprietary solutions
- Cheaper and easier to implement: no additional monitor hardware, no license fees

144Hz Refresh Rate and 1ms Response Time
Ultra-fast 144Hz refresh rate and 1ms response time enable the sharpest responses.

Traditional 60Hz ◄ ► 144Hz

Flicker Free Technology
Most LED monitors use PWM (pulse width modulation) to control brightness; the pulsing creates flicker that may cause discomfort, headaches and eye strain, especially in low-light environments. Flicker Free technology uses a smooth DC (direct current) backlight system.

Ordinary Monitor   AOC Monitor

Game Color
With AOC Game Color, adjust color saturation and grey level with 20 levels of detail for a better game experience.

20 Levels

DialPoint
The "Dial Point" function places an aiming indicator in the center of the screen, to help gamers to play First Person Shooter (FPS) games with an accurate and precise aiming.
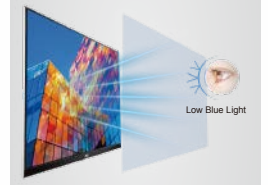
Low Input Lag
Decreased delay between video source and display. With special Low Input Lag control, the G2590PX will ensure you hit the target the first time.
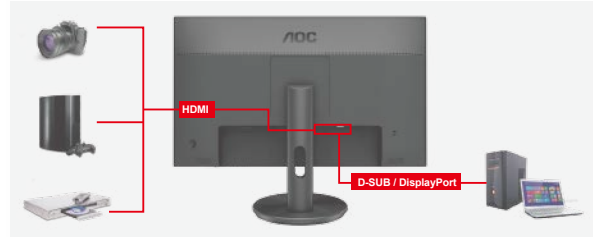
Low Blue Mode
AOC Low Blue Mode filters harmful short-wave blue light, with 4 levels that suit different viewing situations.

Low Blue Light

Multimedia-Ready with HDMI Input
HDMI (High-Definition Multimedia Interface) is the digital video and sound standard for connecting the latest consumer electronics like Blu-ray players and game consoles.
DisplayPort is designed to be the future digital video and sound connection standard, capable of higher performance convenience than older formats.

HDMI

D-SUB / DisplayPort

► 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/m²
Contrast Ratio	1000 : 1 (Typical)　80 Million : 1 (DCR)
Smart Response	1ms (GtG)
Viewing Angle	170º (H) / 160º (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	2W x 2
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) × 558.6 (W) × 199.7 (D)
Packaging (mm)	417 (H) × 627 (W) × 173 (D)
Weight (Net/Gross) kg	4.2 / 6.1

Design and Specifications are subject to change without notice.