

AOC



DEVELOPED FOR AWESOMENESS

G2790VXA

- ⦿ FreeSync Premium tear-free immersion
- ⦿ Full HD Display
- ⦿ Incredible 144Hz Refresh Rate And 1ms Response Time
- ⦿ Flicker Free Eye Protection

AMD
FreeSync
Premium

144Hz 1ms -



FLICKER FREE
LOW BLUE MODE

HDR
MODE

SPEAKERS

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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vision at Heart

► Features



FreeSync Premium delivers ultra-smooth tear-free gaming

Screen tearing and stuttering doesn't only harm gaming performance, it also destroys immersion. AMD FreeSync Premium addresses this by keeping your monitor's refresh rate synced with your processor's. This technology works best on 120Hz and above refresh rates on higher resolution screens, while also supporting low framerate compensation features.



FreeSync Premium OFF

FreeSync Premium ON



HDR mode visual enhancement

Through a combination of advanced algorithmic functions, the HDR Mode essentially transforms non-HDR content into HDR-like visuals via 3 different modes. By enhancing RGBCMY color for more vivid images (via improved saturation and range), increasing dynamic contrast for clarity and image sharpness, the HDR mode ensures you.



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.



Reducing shortwave blue light output for healthier eyes

Low Blue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.



Precise performance tracking with Frame Counter

AOC Frame counter displays frames per second in the top corner to keep an eye on visual graphics performance.



An all-rounded multimedia solution

With built-in speakers you can enjoy quality audio for music, games, and more without the hassle of connecting external speakers.



Connectable with other devices

This AOC monitor provides multiple options for connectivity, including a VGA connector, DisplayPort interface, and a HDMI ports. The HDMI connector provides high-quality video and audio, perfect for watching videos or viewing high-detailed images. DisplayPort offers an alternate option for high-definition resolution as well as the capability to output to multiple displays when using compatible notebooks or desktops.

► Specifications

Model Name		G2790VXA
Panel		27" (VA)
Pixel Pitch (mm)		0.3114 (H) x 0.3114 (V)
Effective Viewing Area (mm)		597.88 (H) x 336.31 (V)
Brightness		350 cd/m ² (typical)
Contrast Ratio		3000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time		1ms (MPRT)
Viewing Angle		178° (H) / 178° (V) (CR > 10)
Color Gamut		sRGB 122% (CIE1931) / DCI -P3 92% (CIE 1976)
Color Accuracy		Delta E < 2
Optimum Resolution		1920 x 1080 @ 144Hz – DisplayPort, HDMI
Display Colors		16.7 Million
Signal Input		HDMI 1.4 x 1, DisplayPort 1.2 x 1
HDCP Version		HDMI: 1.4 / DisplayPort: 1.4
USB Hub		no
Power Supply		100 - 240V ~1.5A, 50 / 60Hz
Power Consumption (typical)		30W
Speakers		2W x 2
Line in & Earphone		Earphone
Wall-Mount		100mm x 100mm
Adjustable Stand		Tilt: -5° ~ 23°
Product without Stand (mm)		365.8 (H) x 614.9 (W) x 48.8 (D)
Product with Stand (mm)		445.8 (H) x 614.9 (W) x 199.7 (D)
Product without Stand (kg)		3.7
Product with Stand (kg)		4.37
Cabinet Color		Black & Red
Regulatory Approvals		BSMI, KC, KCC, e-Standby, RCM, MEPS, CE, FCC, VCCI, PSE

* G2790VXA has been upgraded to AMD Freesync Premium version since June 7.2021 (manufactured date)

Design and Specifications are subject to change without notice.



Your custom built-in crosshair

The DialPoint feature provides selectable custom crosshair options, helping gamers to play First-Person Shooter (FPS) games with more accurate and precise aiming.



Optimize your game settings

It can be a hassle to adjust monitor settings every time you load up a new game. AOC Game Mode allows quick adjustment and pre-designed setups (tailored for different genres) to enhance the gaming experience.