AOC

DEVELOPED FOR AWESOMENESS

G2790VX

- ⊘ 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** | **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE
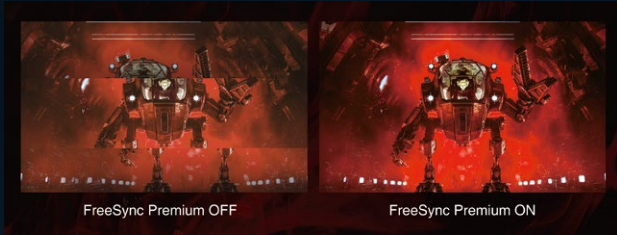
vision at Heart

➤ 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

High quality viewing
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

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.

144Hz   60Hz

Protect your eyes from screen flicker
Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods oftime. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.

Contrast and clarity in one
AOC Shadow Control enables fast contrast adjustment of the in-game image. It improves areas of the screen that are too dark or washed out without affecting the rest of the screen.

Shadow Control Defalt 50   Shadow Control adjust to 80

● If picture is too dark to see the details clearly, adjust the level up to have a better view of the dark area.
● If picture is too bright and wash out, adjust the level down to provide dark definition.

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.

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.

Connectable with other devices
This AOC monitor provides multiple options for connectivity, including a VGA connector, DisplayPort interface, and a HDMI ports. The HDMI connecter 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	G2790VX
Panel	27" (VA)
Pixel Pitch (mm)	0.3114 (H) × 0.3114 (V)
Effective Viewing Area (mm)	597.88 (H) × 336.31 (V)
Brightness	350 cd/m² (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 × 1080 @ 144Hz – DisplayPort, HDMI
Display Colors	16.7 Million
Signal Input	HDMI 1.4 × 1, DisplayPort 1.2 × 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	no
Line in & Earphone	Earphone
Wall-Mount	100mm × 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	365.8 (H) × 614.9 (W) × 48.8 (D)
Product with Stand (mm)	445.8 (H) × 614.9 (W) × 199.7 (D)
Product without Stand (kg)	3.7
Product with Stand (kg)	4.35
Cabinet Color	Black & Red
Regulatory Approvals	BSMI, KC, KCC, e-Standby, RCM, MEPS, CE, FCC, VCCI, PSE

*. G2790VX has been upgraded to AMD Freesync Premium version since Aug.20.2021 (manufactured date)

Design and Specifications are subject to change without notice.