

AOC

SMOOTH
GAME
PLAY



27G2E5 27" GAMING MONITOR

- FreeSync Anti-tearing Technology
- Instant Response Times
- HDR Mode Visual Enhancement

AMD
FreeSync

1ms

HDR
MODE

78%
DCI-P3

IPS
WIDE VIEW

HDMI

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vision at **Heart**

Features



FreeSync technology supports totally immersive gameplay

AMD FreeSync technology provides the perfect high performance solution for gamers looking for the best gaming experience. FreeSync eliminates any tearing or stuttering by synchronizing the GPU and the monitor so frames are displayed when ready. This also ensures the fastest possible frame rates and prevents any laggy and stuttering input from the gaming mouse. Gamers can enjoy the smoothest gameplay and give themselves the desired competitive edge.



Instant response times

In competitive gaming, a millisecond can be the difference between victory and defeat. A 1ms response time will massively reduce blurring or ghosting, and ultimately clear your path to victory.



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 can experience HDR visuals when viewing standard quality content.



Colorful visuals for all to enjoy

The renowned DCI-P3 color gamut covers a wide range of tones and is known for being in line with many cinema standards. This makes it a top choice for film enthusiasts and video editors as well.



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.



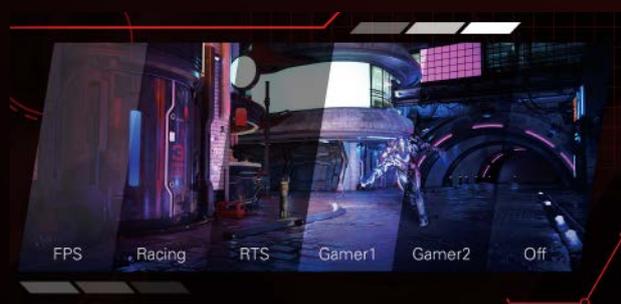
Your custom built-in crosshair

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.



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.



Designed with wide viewing angles

IPS panels deliver vivid and accurate color expression while offering wider viewing angles than regular monitors for extra comfortable viewing.



Slim, sleek, simple

Slim bezel and border monitors offer a comforting viewing experience without distraction. They also save space and can boost productivity via multi-monitor setups. This monitor comes with 1.2mm ultra-narrow bezel and 4.8mm black screen border.



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.



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	27G2E5
Panel	27" (IPS)
Pixel Pitch (mm)	0.3114 (H) x 0.3114 (V)
Effective Viewing Area (mm)	597.88 (H) x 336.31 (V)
Brightness (typical)	300 cd/m ²
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 86% (CIE1976) / sRGB 100% (CIE1931) / DCI-P3 78% (CIE1976)
Optimum Resolution	1920 x 1080 @ 75Hz – DisplayPort, HDMI 1920 x 1080 @ 60Hz – VGA
Display Colors	16.7 Million
Signal Input	VGA x 1, HDMI 1.4 x 2, 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)	28W
Speakers	no
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Tilt: -5° ~ 23°
Product without Stand (mm)	363 (H) x 612.1 (W) x 46 (D)
Product with Stand (mm)	461.8 (H) x 612.1 (W) x 227.4 (D)
Product without Stand (kg)	3.7
Product with Stand (kg)	4.5
Cabinet Color	Black & Red
Regulatory Approvals	RCM / MEPS / CE / CB / FCC