AOC

SMOOTH GAME PLAY

27G2U/BK
27'' GAMING MONITOR

- FreeSync Premium tear-free immersion
- Incredible 144Hz Refresh Rate And 1ms Response Time
- HDR Mode Visual Enhancement

AMD FreeSync Premium | 144Hz | 1ms | HDR MODE | IPS WIDE VIEW | ADJUSTABLE STAND | 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

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

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.

Connecting your eyes with your hands
Unleash your reflexes by switching to AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favor of raw response time, giving you the ultimate edge in a hair-trigger standoff.

Experience more immersive and vivid gameplay
AOC Game Color can be set between levels 0-20 in order to adjust color level for better picture details.

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.
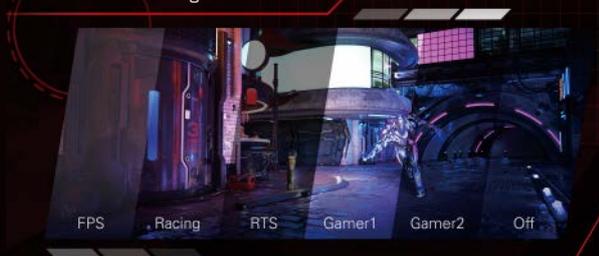
Optimize your game settings
Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, and Off.
FPS: For playing First-Person Shooter games. Improves black level details when playing in darker settings.
Racing: For playing Racing games. Provides fastest response time and high color saturation.
RTS: For playing Real-Time Strategy games. Lets the user highlight just a portion of their display and adjust picture quality and detail as needed.
Gamer 1, 2 and 3: Three different customizable modes let the user save their own favorite settings.

FPS   Racing   RTS   Gamer1   Gamer2   Off

Designed with wide viewing angles
IPS displays deliver 178/178-degree viewing angles while maintaining consistent image quality and colors from all viewing positions. You can also view your spreadsheets or weekend movies from virtually any angle without compromising color uniformity.

Slim, sleek, simple
Displays with ultra-narrow borders allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, an ultra-narrow border display gives you the feeling of using one large display.

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 long, intense gaming sessions!

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.

Adjust the screen in all ways, always
An adjustable stand allows for tilt, rotation, swivel and height adjustment do dial-in a comfortable and ergonomic viewing experience.

Connectable with other devices
This AOC monitor provides multiple options for connectivity, including a VGA connector, DisplayPort interface, and 2 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	27G2U/BK
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)	250 cd/m²
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 104% (CIE1976) / sRGB 118% (CIE1931) / DCI-P3 95% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	1920 x 1080 @ 144Hz – 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	USB 3.2 Gen1 x 4
Power Supply	100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	28W
Speakers	2W x 2
Line In/Earphone	Line in x 1, Earphone x 1
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Pivot: 0°~90° ± 2°, Swivel: -30° ~30°, Tilt: -5° ~ 23°
Product without Stand (mm)	363 (H) x 612.1 (W) x 46 (D)
Product with Stand (mm)	395.9~525.9 (H) x 612.1 (W) x 227.4 (D)
Product without Stand (kg)	3.8
Product with Stand (kg)	5.2
Cabinet Color	Black
Regulatory Approvals	CE / CB / FCC

Design and Specifications are subject to change without notice.