

AOC



AOC GAMING

# Defeat Your Enemies

AMD FreeSync Gaming Monitor



AG251FZZ

AMD  
**FreeSync**  
Premium



FLICKER FREE

**240**Hz **0.5**ms

[www.aoc.com](http://www.aoc.com)

vision at **Heart**

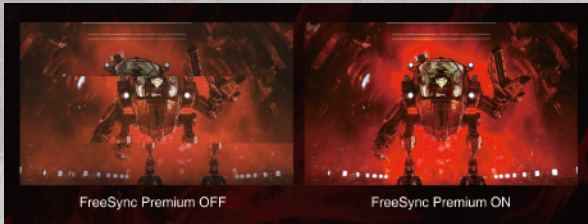


# Features



## 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.



**240Hz**  
**0.5ms**

## 240Hz Refresh Rate and 0.5ms Response Time

With a 240Hz refresh rate and 0.5ms 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.



## Low Input Lag

Low input lag streamlines the user-to-monitor input process. This technology provides much faster motion delivery, so you'll always be up-to-speed with in-game action at just the right time.



## Shadow Control

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 Default 50

• If picture is too dark to see the details clearly, adjust the level up to have a better view of the dark area.

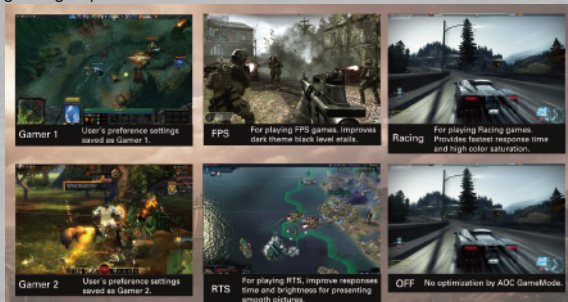
Shadow Control adjust to 80

• If picture is too bright and wash out, adjust the level down to provide dark definition.



## Game Mode

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.



## Game Color

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.



## Flicker Free Technology

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.



## Low Blue Mode

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.



## USB 3.0 Hub with Fast Charging

Easily transfer data and files at super high speeds – including photos and even movies at ten times the speed of the common USB 2.0. Moreover, USB 3.0 ports gives you the freedom to connect multiple peripherals at once without needing extra hubs, or even charge other devices while using the screen.



## 4-Way Adjustable Stand

The 4-way adjustable stand allows effortless height adjustment, 90° pivot, full swivel (both directions), and tilting to position the monitor exactly where it needs to be.

# Specifications

Model Name	AG251F22
Panel Size	24.5"
Pixel Pitch (mm)	0.2832 (H) x 0.2832 (V)
Effective Viewing Area (mm)	543.744 (H) x 302.616 (V)
Brightness (typical)	400 cd/m <sup>2</sup>
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Smart Response	1ms (GtG) 0.5ms (MPRT)
Viewing Angle	170° (H) / 160° (V)
Color Gamut	sRGB 102% (CIE1931)
Optimum Resolution	1920 x 1080 @ 60Hz – VGA 1920 x 1080 @ 144Hz – Dual-Link DVI, HDMI 1.4 1920 x 1080 @ 240Hz – HDMI 2.0, DisplayPort 1.2
Display Colors	16.7 Million
Signal Input	VGA x 1, Dual-Link DVI x 1, HDMI 1.4 x 1, HDMI 2.0 x 1 & DisplayPort 1.2 x 1
Power Supply	20V DC- 4.5A
Smart Power Mode: Typical	30W
Built-in Speakers	3W x 2
Regulatory Approvals	VCCI / J-Moss / PC-Recycle / PSE / EPA 7.0 / RCM / FCC / CE / CB
Wall-Mount	100mm x 100mm
Cabinet Color	Black & Red
Adjustable Stand	Height: 130mm, Pivot: 0° ~ 90°, Swivel: -20° ~ 20°, Tilt: -3.5° ~ 21.5°
Product with Stand (mm)	(415~545.21) (H) x 566.65 (W) x 218.2 (D)
Packaging (mm)	420 (H) x 655 (W) x 250 (D)
Weight (Net/Gross) kg	6.5 / 8.7