

AOC

SMOOTH
GAMES
PLAY



24G2Z 23.8" GAMING MONITOR

- Adaptive Sync Anti-tearing Technology
- Incredible 240Hz Refresh Rate And 0.5ms Response Time
- HDR Mode Visual Enhancement

ADAPTIVE
SYNC



240Hz

0.5ms -

HDR
MODE



HDMI
TECHNOLOGY MULTIMEDIA INTERFACE

vision at Heart

Features



A universally respected anti-tearing solution

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.



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.



The e-sports professional standard for gaming

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.



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.



See more and see it clearer

Break away from the shackles of bezels with AOC's 3-Sided Frameless Design monitors. This virtually frameless monitor has extremely narrow bezel around a stunning screen. When used as part of a multi-monitor setup it offers a near-seamless and elegant transition between screens. Beauty, form, and function. Isn't it time you broke free from your bezels?



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.



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 of time. 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 DisplayPort interface, and 2 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	24G2Z
Panel	23.8" (IPS)
Pixel Pitch (mm)	0.2745 (H) x 0.2745 (V)
Effective Viewing Area (mm)	527.04 (H) x 296.46 (V)
Brightness	350 cd/m ²
Contrast Ratio	1000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	0.5ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 94% (CIE1976) / sRGB 109% (CIE1931) / DCI-P3 86% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	1920 x 1080 @ 240Hz - DisplayPort, HDMI
Display Colors	16.7 Million
Signal Input	HDMI 2.0 x 2, DisplayPort 1.2 x 1
HDCP Version	HDMI: 2.2, DisplayPort: 2.2
USB Hub	no
Power Supply	100 - 240V ~ 1.5A, 50 / 60Hz
Power Consumption (typical)	25W
Speakers	no
Line in & Earphone	Earphone
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 130mm, Pivot: 0°-90° ± 2°, Swivel: -30° ~ 30°, Tilt: -5° ~ 23°
Product without Stand (mm)	322 (H) x 539.2 (W) x 47 (D)
Product with Stand (mm)	383.4-503.8 (H) x 539.2 (W) x 227.4 (D)
Product without Stand (kg)	3.62
Product with Stand (kg)	5
Cabinet Color	Black & Red
Regulatory Approvals	RCM / MEPS / CE / CB / FCC

Design and Specifications are subject to change without notice.

