AOC GAMING

ULTIMATE

IMMERSION

EXPLORED BY

G4309VX/D

4K UHD @ 3840 X 2160 PX | 144HZ | **AMD FREESYNC PREMIUM** | 1MS RESPONSE TIME

QUANTUM DOT TECHNOLOGY | **DISPLAYHDR 1000** | VA WIDE VIEW ANGLE

HDMI 2.1 | DISPLAYPORT 1.4 | **PICTURE-IN-PICTURE AND PICTURE-BY-PICTURE**

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AOC

Brilliant visuals with ultra detailed pictures

4K Ultra High-Definition (3840 x 2160) resolution delivers ultra-crisp picture quality and allows users to see more on the screen at one time. This provides more screen 'real estate' and also shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.

" To enable 4K resolution at 144 Hz with DSC, a graphic card supporting DSC must be used. Please visit the graphics card manufacturer's website for DSC support "
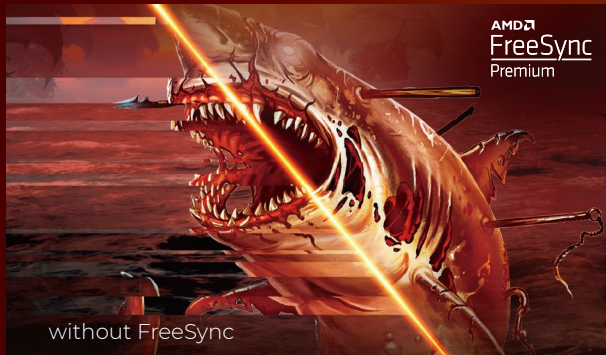
The e-sports professional standard for gaming

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.

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 100Hz refresh rates on higher resolution screens, while also supporting low framerate compensation features.

AMD FreeSync Premium

without FreeSync

Universal respected standard for display visual

VESA-certified DisplayHDR 1000 delivers a dramatically different visual experience. Unlike, other 'HDR compatible' screens, true DisplayHDR 1000 produces astonishing brightness, contrast and colors. With the help of local dimming and super high peak brightness up-to 1000 nits, images come to life with advanced highlights featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

Engineered for better visual experiences

VA 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.

Experience Colours with Brilliant Radiance

Supporting a range of sRGB 145%, Quantum Dot Technology utilizes semiconducting nanocrystals that emit and absorb light precisely to generate an absolutely stunning array of vibrant and dynamic colours. Enjoy perfectly crisp visuals with the most accurate and realistic colour reproduction.

Multitask like it was nothing

Picture-in-Picture and Picture-by-Picture empowers you to multitask like it was nothing. These features display and fine-tune content from different PCs sources onto your screen at once, making it much easier to work on multiple projects at the same time.

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

With AOC Game Color, you can adjust color saturation and grey levels across multiple 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 DialPoint feature provides selectable custom crosshair options, helping gamers to play First-Person Shooter (FPS) games with more accurate and precise aiming.

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 work hours.

HDMI 2.1 expands the limits of possibility

HDMI 2.1 offers amazing 48Gbps transmission bandwidth, which brings faster refresh rates, higher resolution, and also supports native 4K 120 Hz gaming on PlayStation 5 and Xbox Series X. 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	G4309VX/D
Panel	43"(VA)
Pixel Pitch (mm)	0.2451 (H) x 0.2451 (V)
Effective Viewing Area (mm)	941.184 (H) x 529.416 (V)
Brightness (typical)	720 cd/m²
Contrast Ratio	4000 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms MPRT / 4ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 119% (CIE1976) / sRGB 145% (CIE1931) / DCI-P3 109% (CIE1976)
Color Accurcy	Delta E < 2
Optimum Resolution	3840 x 2160 @ 144Hz – DisplayPort1.4+DSC, HDMI2.1
Display Colors	1.07 Billion
Signal Input	HDMI 2.1 x 2, DisplayPort 1.4 x 2
HDCP Version	HDMI: 2.2, DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 x 4
Power Supply	100 - 240V ~ 3.5A, 50 / 60Hz
Power Consumption (typical)	125W
Speakers	7W x 2
Line In & Earphone	Eaphone x 1
Wall-Mount	200mm x 100mm
Adjustable Stand	Tilt: -5° ~ 10°
Product without Stand (mm)	567.35 (H) x 977.3 (W) x 58.2 (D)
Product with Stand (mm)	664.52 (H) x 977.3 (W) x 311.36 (D)
Packaging (mm)	782 (H) x 1130 (W) x 272 (D)
Product without Stand (kg)	14.87
Product with Stand (kg)	16.9
Product with Packaging (kg)	21.9
Cabinet Color	Black & Silver
Regulatory Approvals	CE / BSMI / KC / KCC / e-Standby VCCI / PSE / J-moss