

AOC GAMING



IN THE
G A M E

EXPLORED WITH
24G2SPU/BK

G-SYNC COMPATIBLE | IPS WIDE VIEW ANGLE | 165HZ | 1MS RESPONSE TIME
FHD @ 1920 X 1080 PX | LOW INPUT LAG | ADJUSTABLE STAND

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AOC

► Features



G-Sync Compatible

NVIDIA's trusted "G-Sync Compatible" certification recognizes displays that can deliver high quality variable refresh rate (VRR) in line with the VESA DisplayPort Adaptive-Sync standard and more. Enjoy tear-free, lag-free gaming at the highest level - now with more flexibility and customization potential than ever before due to the wider range of available monitor options.



The e-sports professional standard for gaming

With a 165Hz 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.



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.



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.

*.HDR mode is not true HDR



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.



Optimize your game settings

Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, Gamer3 and Off.



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 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.



Reducing shortwave blue light output for healthier eyes

AOC Low Blue Mode setting ensures a more healthy viewing experience for prolonged computer use without compromising the naturally vivid colors of the display.



Connectable with other devices

This AOC monitor provides multiple options for connectivity, including DisplayPort interface, and HDMI port. 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	24G2SPU/BK
Panel	23.8" (IPS)
Pixel Pitch (mm)	0.2745 (H) × 0.2745 (V)
Effective Viewing Area (mm)	527.04 (H) × 296.46 (V)
Brightness (typical)	300 cd/m ²
Contrast Ratio	1100 : 1 (Typical) 80 Million : 1 (DCR)
Response Time	1ms (MPRT)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 96% (CIE1976) / sRGB 125% (CIE1931) / DCI-P3 87% (CIE1976)
Optimum Resolution	1920 × 1080 @ 165Hz – DisplayPort 1920 × 1080 @ 144Hz – HDMI 1920 × 1080 @ 60Hz – VGA
Display Colors	16.7 Million
Signal Input	VGA × 1 / HDMI 1.4 × 2 / DisplayPort 1.2 × 1
HDCP Version	HDMI: 1.4 / DisplayPort: 1.4
USB Hub	USB 3.2 Gen1 × 4
Color Accuracy	Delta E < 2
Power Supply	100 - 240V ~1.5A, 50 / 60Hz
Power Consumption (typical)	25W
Speakers	2W × 2
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 130mm, Pivot: 0°~90° ± 2°, Swivel: -30° ~30°, Tilt: -5° ~23°
Product without Stand (mm)	322.1 (H) × 539.05 (W) × 47.2 (D)
Product with Stand (mm)	374.6~504.6 (H) × 539.1 (W) × 227.4 (D)
Packaging (mm)	492 (H) × 605 (W) × 184 (D)
Product without Stand (kg)	2.93
Product with Stand (kg)	4.41
Product with Packaging (kg)	6.31
Cabinet Color	Black & Black
Regulatory Approvals	RCM / MEPS / CE / CB / FCC

*24G2SPU/BK has been upgraded to G-Sync Compatible version since Nov.14.2022 (manufactured date)

Design and Specifications are subject to change without notice.

