

UNLEASH YOUR POTENTIAL

POWERED BY
U27G42/75



Meet the U27G42 Dual-Frame Monitor, featuring the ability to switch between UHD@160Hz and FHD@320Hz resolutions and refresh rates for ultimate versatility in gaming and content creation. With a Fast IPS panel, 1ms GtG, and 0.5ms MPRT, enjoy ultra-responsive performance and vibrant visuals. HDR400 and AdaptiveSync (G-Sync TBC) ensure smooth, tear-free action, while HDMI 2.1 provides superior connectivity. The ergonomic eSports base design offers comfort during long sessions, making the U27G4R perfect for seamless multitasking and immersive gaming.

- **HDMI 2.1**
- **USB Hub**
- **ERGONOMIC DESIGN**
- **E-sports monitor stand**
- **GMENU**
- **0.5ms MPRT - Moving Picture Response Time**

HDMI 2.1

The latest standard in HDMI technology further boosts higher refresh rates and resolution. This not only opens new doors for watching content, but also for gamers: HDMI 2.1 enables next generation consoles to reach their maximum performance.



USB HUB

Built-in USB hubs in AOC's monitors bring ease of use and practicality to your desk. Side mounted ports are easily reachable without even looking at them; negating time wasted searching the backside of a PC case to find a free USB port.

ERGONOMIC DESIGN

Ergonomic stand to maintain comfort and prevent strain during long gaming sessions. It offers a wide range of motion and easy height, tilt, and swivel adjustments, accommodating the proper ergonomics and your personal preferences.



E-SPORTS MONITOR STAND

Our new stand. Co-designed with eSports professionals, allows you to maximize free space for all your peripherals. The base of the monitor is designed to reduce the footprint of your monitor on your desk, and even allows you to place your keyboard on top. The stand includes cable management to keep your desk clean. No matter what genre you compete in, we want you to feel like a pro.

G MENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.



0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, "ghosting" and "blurring" effects are reduced, resulting in a smoother, more "fluid" feeling gaming experience.

GENERAL		VIDEO FEATURES		ERGONOMICS	
Model Name	U27G42/75	Sync technology (VRR)	Adaptive Sync	Tilt	3.5° ±1.5° ~ 21.5° ±1.5°
Brand	AOC	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible	Height adjust (mm)	130mm
Channel	Gaming	Digital Signal Frequency Vertical	UHD: 48~160Hz / FHD: 48~320Hz	Swivel	30 ±2° ~30° ±2°
Product line	AOC Gaming	Digital Signal Frequency Horizontal	UHD: 30k~360kHz / FHD: 30k~360kHz	Pivot	90° ±2° ~ 90° ±2°
Design family	G4	HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400	GAMING FEATURES	
EAN	4038986682688	Blue Light Technology	Anti Blue Light	Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
DISPLAY INFORMATION		Multiview (PbP, PiP)	PiP+PbP	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Screen size (inch)	27.0	Colour space (sRGB) CIE 1976 %	124.7	Gaming convenience	G-menu
Screen size (cm)	68.6	Colour space (DCI-P3) CIE 1976 %	95.9	PS5 Compatibility	3840x2160@120Hz
Panel treatment	Antiglare (AG)	Colour space (Adobe RGB) CIE 1976 %	93.4	Xbox X Compatibility	3840x2160@120Hz
Pixels per Inch	163.0	Flicker-Free	Flicker Free	Xbox S Compatibility	2560x1440@120Hz
Panel resolution	3840x2160 / 1920x1080 Dual Frame Monitor	CABINET INFORMATION		SUSTAINABILITY	
Aspect ratio	16:9	Bezel Colour (front)	Black	TCO Certified	No
Panel type	Fast IPS	Cabinet colour (backside)	Black, Red	WEEE	Yes
Backlight type	WLED	Cabinet finishing (backside)	Matt	REACH compliant	Yes
Max Refresh rate	UHD@160Hz / FHD@320Hz Dual Frame Monitor	Removable stand	Yes	RoHs compliant	Yes
Response time GtG	1 ms	Kensington Lock	Yes	PVC/BFR free housing	Yes
Response time MPRT	UHD 0.5ms / FHD 0.3 ms	Vesa wallmount	100x100	Mercury free	Yes
Static contrast ratio	1000:1			Recycable packaging material	100 % recycable
Viewing angle (CR10)	178/178			Carton material	Paper
Display colours	16.7M (8bits)				
Brightness in nits	400 cd/m²				

POWER CONSUMPTION		PRODUCT DIMENSIONS	
Power supply	Internal	Product dimensions incl. base (WxHxD) mm	613.9 × 516.0~386.0 × 227.6
Power consumption on (typical) in watts	34.0	Product dimensions excl. base (WxHxD) mm	613.9 x 366.31 × 51.28
Power consumption standby in watts	0.5	Packaging dimensions (WxHxD) mm	825 × 481 x 162
Power consumption off in watts	0.3	Gross weight incl. package (in kg)	9.95
Energy class	F	Net weight excl. package (in kg)	6.35
CONNECTIVITY INFORMATION		Product without stand (kg)	4.41
HDMI	HDMI 2.1 x 2	WHAT'S IN THE BOX	
DisplayPort	DisplayPort 1.4 x 1	HDMI cable	1x
USB Hub	Yes	Displayport cable	1x
USB type downstream	4	Power Cable	Yes
USB fast charge port	Yes	OTHER INFORMATION	
Audio Output	Headphone out (3.5mm)	Warranty period	3 years
USB generation	USB 3.1 (Gen 1) (4 USB downstream ports)		

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.