

AGON
BY AOC

UNLEASH YOUR POTENTIAL

POWERED BY
U27G4R



Meet the U27G4R 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 G-Sync Compatible 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.

- **Dual Refresh Rate**
- **Fast IPS**
- **G-SYNC Compatible**
- **HDMI 2.1**
- **Vesa Certified DisplayHDR™ 400**
- **0.5ms MPRT - Moving Picture Response Time**

DUAL REFRESH RATE

Dual Refresh Rate adjusts to how you use the display—switch to a higher refresh rate for smooth gaming or dial it down for sharp, clear visuals when working, watching videos, or creating designs. Effortlessly switch between performance and efficiency for productivity or entertainment.



FAST IPS

Unlock your gaming potential with Fast IPS panels offering rapid pixel response times of up to 1ms GtG. Say farewell to motion blur as you enjoy sharper images, enhancing precision targeting and boosting performance in high-speed games. Experience the advantages of fast IPS technology, including vibrant colors and wide viewing angles, for an immersive gaming experience and unleash your full potential.

G-SYNC COMPATIBLE

Enable flawless picture quality by synchronising new generations of NVIDIA graphics cards* with this G-SYNC Compatible monitor. *Please refer to NVIDIA website for the complete list of GPUs working with G-SYNC Compatible monitors

VESA CERTIFIED DISPLAYHDR™ 400

Even the lowest level of High Dynamic Range (HDR) feature poses a significant upgrade to common monitors. The peak luminance of 400 cd/m² enables your display to hone the picture quality with a manifold colour spectrum and more diverse contrast. The VESA-certificate ensures richness of detail and realistic portrayals of game and film worlds.



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.

VESA CERTIFIED
DisplayHDR™ 400



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		DISPLAY INFORMATION		VIDEO FEATURES	
Model Name	U27G4R	Screen size (inch)	27,0	Sync technology (VRR)	Adaptive Sync
Brand	AOC	Screen size (cm)	68,6	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
Channel	Gaming	Flat / Curved	Flat	Digital Signal Frequency Vertical	UHD: 48~160Hz / FHD: 48~320Hz
Product line	AOC Gaming	Panel treatment	Antiglare (AG)	Digital Signal Frequency Horizontal	UHD: 30k~360kHz / FHD: 30k~360kHz
Design family	G4	Pixels per Inch	163,0	HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Launch date (ETA)	5/1/2025	Panel resolution	3840x2160 / 1920x1080 Dual Frame Monitor	Blue Light Technology	TUV Low Blue Light (hardware)
EAN	4038986682688	Aspect ratio	16:9	Multiview (PbP, PiP)	PiP+PbP
		Panel type	Fast IPS	Colour space (sRGB) CIE 1976 %	124,7
		Backlight type	WLED	Colour space (DCI-P3) CIE 1976 %	95,9
		Max Refresh rate	UHD@160Hz / FHD@320Hz Dual Frame Monitor	Colour space (Adobe RGB) CIE 1976 %	93,4
		Response time GtG	1 ms	Flicker-Free	Flicker Free
		Response time MPRT	UHD 0.5ms / FHD 0.3 ms		
		Static contrast ratio	1000:1		
		Dynamic contrast ratio	80M:1		
		Viewing angle (CR10)	178/178		
		Display colours	1.07 billion (10-bit HDMI/DP @120Hz)		
		Brightness in nits	400 cd/m²		
		Local Dimming Zones	Global Dimming		
				CABINET INFORMATION	
				Bezel Colour (front)	Black
				Cabinet colour (backside)	Black, Red
				Cabinet finishing (backside)	Matt
				Removable stand	Yes
				Kensington Lock	Yes
				Vesa wallmount	100x100

ERGONOMICS		POWER CONSUMPTION		PRODUCT DIMENSIONS	
Tilt	3.5° ±1.5° ~ 21.5° ±1.5°	Power supply	Internal	Product dimensions incl. base (WxHxD) mm	613.9 × 516.0~386.0 × 227.6
Height adjust (mm)	130mm	Power consumption on (typical) in watts	34,0	Product dimensions excl. base (WxHxD) mm	613.9 x 366.31 × 51.28
Swivel	30 ±2° ~30° ±2°	Power consumption standby in watts	0,5	Packaging dimensions (WxHxD) mm	825 × 481 x 162
Pivot	90° ±2° ~ 90° ±2°	Power consumption off in watts	0,3	Gross weight incl. package (in kg)	9,95
GAMING FEATURES		Energy class	F	Net weight excl. package (in kg)	6,35
Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing	REGULATORY COMPLIANCE		Product without stand (kg)	4,41
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off	CB	Yes	SOFTWARE	
Gaming convenience	G-menu	CE	Yes	Software	G-Menu
PS5 Compatibility	3840x2160@120Hz	TUV-Bauart-Mark	Yes	WHAT'S IN THE BOX	
Xbox X Compatibility	3840x2160@120Hz	ISO 9241-307	Yes	HDMI cable	1.8
Xbox S Compatibility	2560x1440@120Hz	EAC	Yes	Displayport cable	1.8
SUSTAINABILITY		FCC	Yes	Power Cable	Yes
TCO Certified	No	UKCA	Yes	OTHER INFORMATION	
WEEE	Yes	CONNECTIVITY INFORMATION		Warranty period	3 years
REACH compliant	Yes	HDMI	HDMI 2.1 x 2		
RoHs compliant	Yes	Digital HDCP (HDMI version)	HDCP 1.4/2.2		
PVC/BFR free housing	Yes	DisplayPort	DisplayPort 1.4 x 1		
Mercury free	Yes	USB Hub	Yes		
Recycable packaging material	100 % recycable	USB type downstream	4 x USB-A		
Carton material	Paper	USB fast charge port	Yes		
		Audio Output	Headphone out (3.5mm)		
		DP HDCP version	HDCP 1.4/2.2		
		USB Type upstream	1 x USB-B		
		USB generation	USB 3.2 (Gen 1), 5 Gbit/s		

⚡ 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.