

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		VIDEO FEATURES		ERGONOMICS	
Model Name	U27G4R	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	TUV Low Blue Light (hardware)	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
Flat / Curved	Flat	Colour space (Adobe RGB) CIE 1976 %	93,4	Xbox X Compatibility	3840x2160@120Hz
Panel treatment	Antiglare (AG)	Flicker-Free	Flicker Free	Xbox S Compatibility	2560x1440@120Hz
Pixels per Inch	163,0	CABINET INFORMATION		SUSTAINABILITY	
Panel resolution	3840x2160 / 1920x1080 Dual Frame Monitor	Bezel Colour (front)	Black	TCO Certified	No
Aspect ratio	16:9	Cabinet colour (backside)	Black, Red	WEEE	Yes
Panel type	Fast IPS	Cabinet finishing (backside)	Matt	REACH compliant	Yes
Backlight type	WLED	Removable stand	Yes	RoHs compliant	Yes
Max Refresh rate	UHD@160Hz / FHD@320Hz Dual Frame Monitor	Kensington Lock	Yes	PVC/BFR free housing	Yes
Response time GtG	1 ms	Vesa wallmount	100x100	Mercury free	Yes
Response time MPRT	UHD 0.5ms / FHD 0.3 ms			Recycable packaging material	100 % recycable
Static contrast ratio	1000:1			Carton material	Paper
Dynamic contrast ratio	80M:1				
Viewing angle (CRI0)	178/178				
Display colours	1.07 billion (10-bit HDMI/DP @120Hz)				
Brightness in nits	400 cd/m²				
Local Dimming Zones	Global Dimming				

POWER CONSUMPTION

Power supply	Internal
--------------	----------

Power consumption on (typical) in watts	34,0
---	------

Power consumption standby in watts	0,5
------------------------------------	-----

Power consumption off in watts	0,3
--------------------------------	-----

Energy class	F
--------------	---

REGULATORY COMPLIANCE

CB	Yes
----	-----

CE	Yes
----	-----

TUV-Bauart-Mark	Yes
-----------------	-----

ISO 9241-307	Yes
--------------	-----

EAC	Yes
-----	-----

FCC	Yes
-----	-----

UKCA	Yes
------	-----

CONNECTIVITY INFORMATION

HDMI	HDMI 2.1 x 2
------	--------------

Digital HDCP (HDMI version)	HDCP 1.4/2.2
-----------------------------	--------------

DisplayPort	DisplayPort 1.4 x 1
-------------	---------------------

USB Hub	Yes
---------	-----

USB type downstream	4 x USB-A
---------------------	-----------

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
----------------	---------------------------

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	613.9 x 516.0~386.0 x 227.6
--	-----------------------------

Product dimensions excl. base (WxHxD) mm	613.9 x 366.31 x 51.28
--	------------------------

Packaging dimensions (WxHxD) mm	825 x 481 x 162
---------------------------------	-----------------

Gross weight incl. package (in kg)	9,95
------------------------------------	------

Net weight excl. package (in kg)	6,35
----------------------------------	------

Product without stand (kg)	4,41
----------------------------	------

SOFTWARE

Software	G-Menu
----------	--------

WHAT'S IN THE BOX

HDMI cable	1.8
------------	-----

Displayport cable	1.8
-------------------	-----

Power Cable	Yes
-------------	-----

OTHER INFORMATION

Warranty period	3 years
-----------------	---------