AGON
BY AOC

UNLEASH YOUR POTENTIAL

POWERED BY

U27G4R

27"

AOC GAMING

UHD 160HZ | FHD 320HZ

DUAL REFRESH RATE | 1ms GTG | IPS | NVIDIA G-SYNC | HDMI 2.1 | VESA CERTIFIED DisplayHDR 400 | 0.5ms MBR MPRT

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 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.

GMENU

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

Model Name	U27G4R
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G4
EAN	4038986682688

DISPLAY INFORMATION

Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Panel treatment	Antiglare (AG)
Pixels per Inch	163,0
Panel resolution	3840x2160 / 1920x1080 Dual Frame Monitor
Aspect ratio	16:9
Panel type	Fast IPS
Backlight type	WLED
Max Refresh rate	UHD@160Hz / FHD@320Hz Dual Frame Monitor
Response time GtG	1 ms
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

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
Digital Signal Frequency Vertical	UHD: 48~160Hz / FHD: 48~320Hz
Digital Signal Frequency Horizontal	UHD: 30k~360kHz / FHD: 30k~360kHz
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Blue Light Technology	TUV Low Blue Light (hardware)
Multiview (PbP, PiP)	PiP+PbP
Colour space (sRGB) CIE 1976 %	124,7
Colour space (DCI-P3) CIE 1976 %	95,9
Colour space (Adobe RGB) CIE 1976 %	93,4
Flicker-Free	Flicker Free

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

Tilt	3.5° ±1.5° ~ 21.5° ±1.5°
Height adjust (mm)	130mm
Swivel	30 ±2° ~30° ±2°
Pivot	90° ±2° ~ 90° ±2°

GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu
PS5 Compatibility	3840x2160@120Hz
Xbox X Compatibility	3840x2160@120Hz
Xbox S Compatibility	2560x1440@120Hz

SUSTAINABILITY

TCO Certified	No
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
PVC/BFR free housing	Yes
Mercury free	Yes
Recyclable packaging material	100 % recyclable
Carton material	Paper

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 × 516.0~386.0 × 227.6
Product dimensions excl. base (WxHxD) mm	613.9 x 366.31 × 51.28
Packaging dimensions (WxHxD) mm	825 × 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