

UNLEASH YOUR POTENTIAL

POWERED BY
U27G42

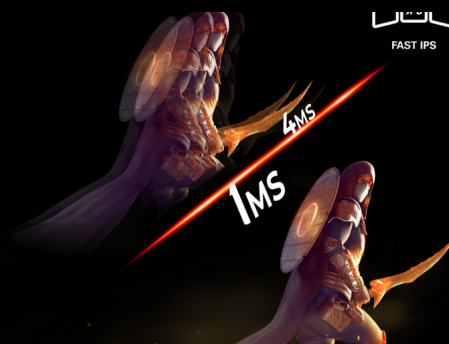


Meet the U27G42 Dual-Frame Monitor, featuring the ability to switch between UHD@160Hz and FHD@320Hz resolutions and refresh rates for ultimate versatility in gaming and content creation. With a Fast IPS panel, 1ms GtG, and 0.5ms MPRT, enjoy ultra-responsive performance and vibrant visuals. HDR400 and 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 U27G42 perfect for seamless multitasking and immersive gaming.

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

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.



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.

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



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.

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.

GENERAL

Model Name	U27G42
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
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
Viewing angle (CR10)	178/178
Display colours	16.7M (8bits)
Brightness in nits	400 cd/m ²

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	Anti Blue Light
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
Recycable packaging material	100 % recycable
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

CONNECTIVITY INFORMATION

HDMI HDMI 2.1 x 2

DisplayPort DisplayPort 1.4 x 1

USB Hub Yes

USB type downstream 4

USB fast charge port Yes

Audio Output Headphone out (3,5mm)

USB generation USB 3.1 (Gen 1) (4 USB downstream ports)

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

WHAT'S IN THE BOX

HDMI cable 1x

Displayport cable 1x

Power Cable Yes

OTHER INFORMATION

Warranty period 3 years

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.