

UNLEASH YOUR POTENTIAL

POWERED BY
U32G4U



Step into the future of gaming with the U32G4U Dual-Frame Monitor, delivering the flexibility to dominate in UHD 160Hz or push speed to the limit with FHD 320Hz. Featuring a cutting-edge Fast IPS panel with 1ms GtG and ultra-low 0.5ms MPRT, every frame is crisp, responsive, and packed with detail. HDR400 certification, a wide color gamut, and AdaptiveSync guarantee breathtaking visuals without tearing or stutter. Equipped with HDMI 2.1 for next-gen connectivity, a USB hub for streamlined setups, and an ergonomic stand designed for comfort, the U32G4U is built for both high-performance gaming and creative multitasking.

- **DFM UHD@160Hz - FHD@320Hz - MONITOR**
- **Fast IPS**
- **1ms Response time GTG - Grey-to-Grey**
- **Adaptive sync**
- **WIDE COLOR GAMUT**
- **Vesa Certified DisplayHDR™ 400**

DFM UHD@160HZ - FHD@320HZ - MONITOR

Dual Frame Mode (DFM) on AOC monitors offers unparalleled flexibility, allowing users to harness the power of UHD 3840x2160 resolution at an ultra-smooth 160Hz refresh rate. This advanced feature delivers exceptionally sharp, vibrant, and fluid visuals, perfect for immersive gaming, high-definition content creation, and cinematic experiences, ensuring every detail is rendered with stunning clarity and responsiveness. Push Your Performance to the Limit with a Lightning-Fast 320Hz Refresh Rate at Full HD Resolution. Perfectly Balanced for Competitive Gamers, This Display Delivers Ultra-Smooth Motion, Razor-Sharp Clarity, and Minimal Input Lag—Giving You the Speed and Precision to Stay Ahead in Every Frame.





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.

1MS RESPONSE TIME GTG - GREY-TO-GREY

GtG stands for Grey-To-Grey and represents how long it takes for one pixel to change between one gray level to the next. In gaming, every millisecond counts and can be the differentiator between hitting or missing a shot. Fast response time also eliminates ghosting and motion blur.



ADAPTIVE SYNC

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.

WIDE COLOR GAMUT

When you are enjoying photos, videos or games, we want your screen content to look as lifelike as possible. That is why this display comes with Wide Colour Gamut technology, which means that it is able to display a lot more colours than conventional monitors. This is achieved through a special hardware solution, not through mere software adjustments. The result: true-to-life images with fine details that become visible thanks to the broader colour palette.



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.

GENERAL		VIDEO FEATURES		ERGONOMICS	
Model Name	U32G4U	Sync technology (VRR)	Adaptive Sync	Tilt	-3° ±2° ~ 21° ±2°
Brand	AOC	Digital Signal Frequency Horizontal	3840x2160@160Hz (DP/HDMI) 48~160HZ /30~360KHz	Height adjust (mm)	130mm
Channel	B2C, Gaming		1920x1080@320Hz (DP/HDMI) 48~320HZ /30~360KHz	Swivel	20° ±2° ~20° ±2°
Product line	AOC Gaming			Pivot	90° ±2° ~ 90° ±2°
Design family	G4				
Launch date (ETA)	10/8/2025				
EAN	4038986113113				
DISPLAY INFORMATION		HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400	GAMING FEATURES	
Screen size (inch)	31,5	Blue Light Technology	Low Blue Mode	Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
Screen size (cm)	80,0	Multiview (PbP, PiP)	PiP+PbP	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Flat / Curved	Flat	Colour space (sRGB) CIE 1976 %	127,2	Gaming convenience	G-menu
Panel treatment	Antiglare (AG)	Colour space (DCI-P3) CIE 1976 %	95,6	PS5 Compatibility	3840x2160@120Hz
Pixel Pitch (mm)	0,1818	Colour space (Adobe RGB) CIE 1976 %	91,8	Xbox X Compatibility	3840x2160@120Hz
Pixels per Inch	139,87	Flicker-Free	Flicker Free	Xbox S Compatibility	2560x1440@120Hz
Panel resolution	3840x2160				
Aspect ratio	16:9	CABINET INFORMATION		SUSTAINABILITY	
Panel type	Fast IPS	Bezel Colour (front)	Black	WEEE	Yes
Backlight type	WLED	Cabinet colour (backside)	Black, Red	REACH compliant	Yes
Max Refresh rate	160 Hz	Cabinet finishing (backside)	Texture	RoHs compliant	Yes
Response time GtG	1 ms	Removable stand	Yes	POWER CONSUMPTION	
Response time MPRT	0.5 ms	Vesa wallmount	100x100	Power supply	Internal
Static contrast ratio	1000:1			Power consumption on (typical) in watts	43,0
Dynamic contrast ratio	80M:1			Power consumption standby in watts	0,5
Viewing angle (CR10)	178/178			Power consumption off in watts	0,3
Display colours	1.07 billion (10-bit HDMI/DP @120Hz)			Energy class	F
Brightness in nits	450 cd/m²				
Local Dimming Zones	Global Dimming				

REGULATORY COMPLIANCE		SOFTWARE	
CB	Yes	Software	G-Menu
CE	Yes		
TUV-Bauart-Mark	Yes	WHAT'S IN THE BOX	
ISO 9241-307	Yes	HDMI cable	1.8
EAC	Yes	Displayport cable	1.8
FCC	Yes	USB-B upstream cable	1x USB-B to A 1.8m
UKCA	Yes	Power Cable	Yes
CONNECTIVITY INFORMATION		OTHER INFORMATION	
HDMI	HDMI 2.1 x 2	Warranty period	3 years
DisplayPort	DisplayPort 1.4 x 1		
USB Hub	Yes		
USB type downstream	4 x USB-A		
USB fast charge port	Yes		
Audio Output	1x Audio out		
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	716.1 x 592-462 x 269.6		
Product dimensions excl. base (WxHxD) mm	716.1 x 424.3 x 59.9		
Packaging dimensions (WxHxD) mm	980 x 527x 226		
Gross weight incl. package (in kg)	11,42		
Net weight excl. package (in kg)	8,01		
Product without stand (kg)	5,72		