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 Colour 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 COLOUR 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

Model Name	U32G4U
Brand	AOC
Channel	B2C, Gaming
Product line	AOC Gaming
Design family	G4
Launch date (ETA)	10/8/2025
EAN	4038986113113

DISPLAY INFORMATION

Screen size (inch)	31,5
Screen size (cm)	80,0
Flat / Curved	Flat
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0,1818
Pixels per Inch	139,87
Panel resolution	3840x2160
Aspect ratio	16:9
Panel type	Fast IPS
Backlight type	WLED
Max Refresh rate	160 Hz
Response time GtG	1 ms
Response time MPRT	0.5 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	450 cd/m2
Local Dimming Zones	Global Dimming

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Horizontal	3840x2160@160Hz (DP/HDMI) 48~160HZ /30~360KHz 1920x1080@320Hz (DP/HDMI) 48~320HZ /30~360KHz
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Blue Light Technology	Low Blue Mode
Multiview (PbP, PiP)	PiP+PbP
Colour space (sRGB) CIE 1976 %	127,2
Colour space (DCI-P3) CIE 1976 %	95,6
Colour space (Adobe RGB) CIE 1976 %	91,8
Flicker-Free	Flicker Free

CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black, Red
Cabinet finishing (backside)	Texture
Removable stand	Yes
Vesa wallmount	100x100

ERGONOMICS

Tilt	-3° ±2° ~ 21° ±2°
Height adjust (mm)	130mm
Swivel	20° ±2° ~20° ±2°
Pivot	90° ±2° ~ 90° ±2°

GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, eSports, RTS, 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

WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes

POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	43,0
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
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 (METRIC)

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
Product with stand (kg)	8,01
Product without stand (kg)	5,72

SOFTWARE

Software	G-Menu

WHAT'S IN THE BOX

HDMI cable	1.8
Displayport cable	1.8
USB-B upstream cable	1x USB-B to A 1.8m
Power Cable	Yes

OTHER INFORMATION

Warranty period	3 years