

**AGON**  
BY AOC

UNLEASH YOUR  
POTENTIAL

POWERED BY  
**U28G2XU2/BK**



AMD  
**FreeSync**  
Premium

NVIDIA  
**G-SYNC**

VESA CERTIFIED  
**DisplayHDR 400**



IPS WIDE VIEW

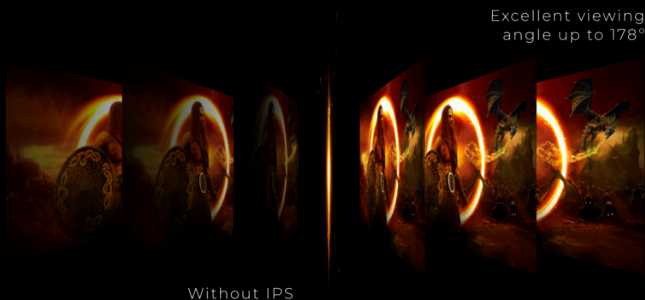
Level up your gaming experience with 4K UHD 3840x2160 resolution. Enjoy a fluid and ghosting free gaming experience for your favorite RTS and RPG games with a response time of 1ms GtG, G-Sync and FreeSync. Certified VESA HDR400 and a pixel density of 157ppi ensures astonishing picture quality and immersion. Get the maximum out of your console performance through HDMI 2.1 connectivity. The built in USB HUB (4 ports) allows for easy access to peripherals and other devices. Flexibility by design – the U28G2XU2 is fully tilt, swivel and pivotable and through our software AOC G-Menu you can customize your on-screen experience to your needs.

- **UHD (4K) Resolution**
- **IPS Panel**
- **1ms Response time GTG - Grey-to-Grey**
- **Vesa Certified DisplayHDR™ 400**
- **FreeSync Premium**
- **Minimal bezel distraction for the ultimate battle station**

## UHD (4K) RESOLUTION

4K Ultra High-Definition (3840 x 2160) resolution delivers ultra-crisp picture quality and allows users to see more on the screen at one time. This provides more screen 'real estate' and shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, or design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.





Without IPS

## 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.



## Freesync Premium

Enjoy the best quality visuals even in fast paced games. The AMD FreeSync Premium Technology ensures that the GPU's and monitor's refresh rates are synchronised, which provides a fluid, tear free gaming experience at highest performance. The AMD FreeSync Premium features a refresh rate of minimum 120Hz, decreasing blur and sharpening the picture for a more life-like experience. The LFC feature eliminates the risk of stutter in case the frame rate drops below the refresh rate.



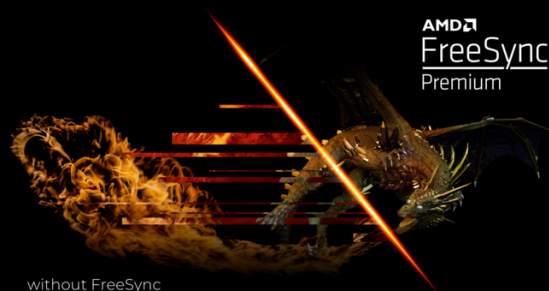
## IPS PANEL

IPS panel ensures an excellent viewing experience with lifelike yet brilliant and accurate colours. Colours look consistent no matter from which angle you look at the display



## 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/m<sup>2</sup> 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.



## MINIMAL BEZEL DISTRACTION FOR THE ULTIMATE BATTLE STATION

Expand your view with multiple monitor set-up. The narrow border and frameless design offer the minimal bezel distraction for the ultimate battle station.

GENERAL		VIDEO FEATURES		GAMING FEATURES	
Model Name	U28G2XU2/BK	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
Brand	AOC	Digital Signal Frequency Vertical	HDMI: 48-120Hz / DP: 48-144Hz	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Channel	Gaming	Digital Signal Frequency Horizontal	30KHZ~255KHZ	Gaming convenience	G-menu
Product line	AOC Gaming	HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400		
Design family	G2	Blue Light Technology	Low Blue Light		
Launch date (ETA)	7/15/2022	Multiview (PbP, PiP)	PbP, PiP		
EAN	4038986180344	Colour space (sRGB) CIE 1976 %	99,0		
DISPLAY INFORMATION		Colour space (DCI-P3) CIE 1976 %	93,0	SUSTAINABILITY	
Screen size (inch)	28,0	Flicker-Free	Flicker Free	REACH compliant	Yes
Screen size (cm)	71,1	CABINET INFORMATION		RoHs compliant	Yes
Panel treatment	Antiglare (AG)	Bezel Colour (front)	Black, Red		
Pixels per Inch	157,0	Cabinet colour (backside)	Black, Red	POWER CONSUMPTION	
Panel resolution	3840x2160	Cabinet finishing (backside)	Texture	Power supply	Internal
Aspect ratio	16:9	Removable stand	Yes	Power consumption on (typical) in watts	45,0
Panel type	IPS	Speaker power	3 W x 2	Power consumption standby in watts	0,5
Backlight type	WLED	Kensington Lock	Yes	Power consumption off in watts	0,3
Max Refresh rate	144 Hz	Vesa wallmount	100x100	Energy class	G
Response time GtG	1 ms	ERGONOMICS		REGULATORY COMPLIANCE	
Response time MPRT	1 ms	Tilt	-30/30	CB	Yes
Static contrast ratio	1000:1	Height adjust (mm)	130mm	CE	Yes
Dynamic contrast ratio	80M:1	Swivel	-5/23	TUV-Bauart-Mark	Yes
Viewing angle (CR10)	178/178	Pivot	Yes	ISO 9241-307	Yes
Display colours	16.7 Million			EAC	Yes
Brightness in nits	370 cd/m2			FCC	Yes
				Microsoft WHQL	Yes
				Pixel policy	ISO 9241-307

## CONNECTIVITY INFORMATION

HDMI	HDMI 2.1 x 2
DisplayPort	DisplayPort 1.4 x 2
USB Hub	Yes
USB type downstream	4
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
USB generation	USB 3.2 (Gen 1) (4 USB downstream ports) 5Gbit

## PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	(401.9~531.9(H) × 636.4 (W) × 227.4 (D)
Product dimensions excl. base (WxHxD) mm	368.5(H) × 636.4 (W) × 53.0 (D)
Packaging dimensions (WxHxD) mm	717*162*593
Gross weight incl. package (in kg)	8,95
Net weight excl. package (in kg)	6,37

## WHAT'S IN THE BOX

HDMI cable	1.8
Displayport cable	1.8

## OTHER INFORMATION

Warranty period	3 years
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