

**AGON**  
BY AOC

UNLEASH YOUR  
POTENTIAL

POWERED BY

**U28G2XU2/BK**



AMD  
**FreeSync**  
Premium

NVIDIA  
**G-SYNC**

VESA CERTIFIED  
**DisplayHDR 400**



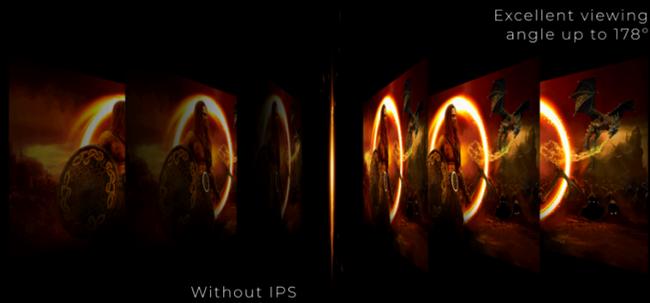
Level up your gaming experience with 4K UHD 3840x2160 resolution. Enjoy a fluid and ghosting free gaming experience for your favorite RTS and RPG games with a response time of 1ms GtG, G-Sync and FreeSync. Certified VESA HDR400 and a pixel density of 157ppi ensures astonishing picture quality and immersion. 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.





## 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

## 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.



## 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.



## 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.



## 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

Model Name	U28G2XU2/BK
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G2
Launch date (ETA)	7/15/2022
EAN	4038986180344

## DISPLAY INFORMATION

Screen size (inch)	28,0
Screen size (cm)	71,1
Panel treatment	Antiglare (AG)
Pixels per Inch	157,0
Panel resolution	3840x2160
Aspect ratio	16:9
Panel type	IPS
Backlight type	WLED
Max Refresh rate	144 Hz
Response time GtG	1 ms
Response time MPRT	1 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	370 cd/m <sup>2</sup>

## VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	HDMI: 48-120Hz / DP: 48-144Hz
Digital Signal Frequency Horizontal	30KHZ~255KHZ
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Blue Light Technology	Low Blue Light
Multiview (PbP, PiP)	PbP, PiP
Colour space (sRGB) CIE 1976 %	99,0
Colour space (DCI-P3) CIE 1976 %	93,0
Flicker-Free	Flicker Free

## CABINET INFORMATION

Bezel Colour (front)	Black, Red
Cabinet colour (backside)	Black, Red
Cabinet finishing (backside)	Texture
Removable stand	Yes
Speaker power	3 W x 2
Kensington Lock	Yes
Vesa wallmount	100x100

## ERGONOMICS

Tilt	-30/30
Height adjust (mm)	130mm
Swivel	-5/23
Pivot	Yes

## 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

## SUSTAINABILITY

REACH compliant	Yes
RoHs compliant	Yes

## POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	45,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	G

## REGULATORY COMPLIANCE

CB	Yes
CE	Yes
TUV-Bauart-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
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))
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Product dimensions excl. base (WxHxD) mm	368.5(H) × 636.4 (W) × 53.0 (D)
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Packaging dimensions (WxHxD) mm	717*162*593
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Gross weight incl. package (in kg)	8,95
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Net weight excl. package (in kg)	6,37
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## WHAT'S IN THE BOX

HDMI cable	1.8
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Displayport cable	1.8
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## OTHER INFORMATION

Warranty period	3 years
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