

# UNLEASH YOUR POTENTIAL

POWERED BY  
**CU34G2XP/BK**



The CU34G2XP/BK, a 34-inch curved ultrawide monitor, goes beyond gaming, offering an immersive visual experience for design, content creation, and gaming. With a stunning WQHD resolution of 3440x1440, an impressive 180Hz refresh rate, and a rapid 1ms GtG response time, it ensures ultra-smooth visuals and eliminates motion blur, allowing you to relax and feel like you're inside the game. The HDR400 support enriches colors and details, making it an ideal choice for creative professionals who demand precision in their work.

- **180Hz Refresh Rate**
- **1ms Response time GTG - Grey-to-Grey**
- **Wide QHD (WQHD) Resolution**
- **Vesa Certified DisplayHDR™ 400**
- **HDMI**
- **6 Games Mode**

## 180HZ REFRESH RATE

Competitive and intense gaming demands the best technology to ensure lag-free, smoother gaming. This AGON by AOC monitor features a 180Hz refresh rate, making it 3x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them very difficult targets to hit. A 180Hz frame rate restores those critical missing images back onto the screen, revealing enemy movements in ultra-smooth motion, letting you more easily target. With this AGON by AOC gaming monitor, you won't have to put up with input-lag and screen tearing.





## WIDE QHD (WQHD) RESOLUTION

With 3440 x 1440 resolution, Wide Quad HD (WQHD) offers superior picture quality and crisp imagery that reveals every detail. The widescreen 21:9 aspect ratio is perfect for watching movies in an expansive format or immersing yourself in the latest game, plus it offers more space when it's time to work. True 8-bit color provides a broad color palette for vibrant, natural-looking images.



## HDMI

HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).



## 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.



## 6 GAMES MODE

Tailor your display to the game with a click of a button. Switch settings between in-built presets for FPS, racing, or RTS games, or customise your own ideal conditions and save them. The AOC Settings KeyPad makes switching profiles or adjusting features quick and easy.

GENERAL		VIDEO FEATURES		ERGONOMICS	
Model Name	CU34G2XP/BK	Sync technology (VRR)	Adaptive Sync	Tilt	3.5° ±1.5° ~ 21.5° ±1.5°
Brand	AOC	AMD FreeSync™	AMD FreeSync Premium	Height adjust (mm)	130mm
Channel	Gaming	Digital Signal Frequency Vertical	48-100HZ(HDMI), 48-144HZ(DP)	Swivel	30° ±2° ~ 30° ±2°
Product line	AOC Gaming	Digital Signal Frequency Horizontal	30k-160kHz(HDMI), 30k-220kHz(DP)	GAMING FEATURES	
Design family	G2	HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400	Gaming style	Shooters, MMORPG, Action, RTS, Racing
Launch date (ETA)	11/28/2023	Blue Light Technology	Low Blue Light	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
EAN	4038986111331	Multiview (PbP, PiP)	PiP+PbP	Gaming convenience	G-menu
DISPLAY INFORMATION		Colour space (sRGB) CIE 1931 %	126,5	SUSTAINABILITY	
Screen size (inch)	34,0	Colour space (DCI-P3) CIE 1976 %	95,1	WEEE	Yes
Screen size (cm)	86,4	Colour space (Adobe RGB) CIE 1976 %	91,4	REACH compliant	Yes
Curvature Radius	1500R	Flicker-Free	Flicker Free	RoHs compliant	Yes
Panel treatment	Antiglare (AG)	CABINET INFORMATION		Carton material	EPS
Pixel Pitch (mm)	0,23175	Bezel Colour (front)	Black, Red	POWER CONSUMPTION	
Pixels per Inch	109,7	Cabinet colour (backside)	Black, Red	Power supply	Internal
Panel resolution	3440x1440	Cabinet finishing (backside)	Texture	Power consumption on (typical) in watts	59,0
Aspect ratio	21:9	Removable stand	Yes	Power consumption standby in watts	0,5
Panel type	VA	Kensington Lock	Yes	Power consumption off in watts	0,3
Backlight type	WLED			Energy class	G
Max Refresh rate	180 Hz				
Response time GtG	1 ms				
Response time MPRT	1 ms				
Static contrast ratio	4000:1				
Dynamic contrast ratio	80M:1				
Viewing angle (CR10)	178/178				
Display colours	1.07 Billion				
Brightness in nits	430 cd/m2				

REGULATORY COMPLIANCE		PRODUCT DIMENSIONS (METRIC)	
CB	Yes	Product dimensions incl. base (WxHxD) mm	808.3 x (398.2~528.2) x 237.4
CE	Yes		
TUV-Bauart-Mark	Yes	Product dimensions excl. base (WxHxD) mm	808.3 x 367.5 x 102.9
ISO 9241-307	Yes		
EAC	Yes	Packaging dimensions (WxHxD) mm	903 x 280 x 548
FCC	Yes		
CONNECTIVITY INFORMATION			
HDMI	HDMI 2.0 x 2	Gross weight incl. package (in kg)	12,0
Digital HDCP (HDMI version)	HDCP 2.2	Product with stand (kg)	8,02
DisplayPort	DisplayPort 1.4 x 2	Product without stand (kg)	6,51
USB Hub	Yes		
USB type downstream	4		
USB fast charge port	Yes		
Audio Output	Headphone out (3.5mm)		
DP HDCP version	HDCP 2.2		
USB generation	USB 3.2 (Gen 1)		
		WHAT'S IN THE BOX	
		HDMI cable	1x
		Displayport cable	1x
		Power Cable	Yes
		OTHER INFORMATION	
		Warranty period	3 years