AGON BY AOC

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, FreeSync Premium, 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.

- Wide QHD (WQHD) Resolution
- 180Hz Refresh Rate
- 1ms Response time GTG - Grey-to-Grey
- Vesa Certified DisplayHDR™ 400
- Freesync Premium
- Low Input Lag
- HDMI
- 6 Games Mode
- GMENU
- Height adjustable Stand

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.





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.

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/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.

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.



LOW INPUT LAG

Unleash your reflexes by switching to the AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favour of raw response time, giving the ultimate edge in hair trigger stand offs.

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).





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.

GMENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.





HEIGHT ADJUSTABLE STAND

Raise or lower the screen to suit each individual's height and seating preferences. The easy-to-adjust stand ensures hours of comfort.

GENERAL

Model Name	CU34G2XP/BK
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G2
Launch date (ETA)	11/28/2023
EAN	4038986111331

DISPLAY INFORMATION

Screen size (inch)	34.0
Screen size (cm)	86.4
Flat / Curved	Curved
Curvature Radius	1500R
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	0.23175
Pixels per Inch	109.7
Panel resolution	3440x1440
Aspect ratio	21:9
Panel type	Fast VA
Backlight type	WLED
Max Refresh rate	180 Hz
Response time GtG (typical)	1 ms
Response time MPRT	1 ms
Static contrast ratio (typical)	4000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colors	1.07 Billion
Brightness in nits (typical)	430 cd/m²

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
AMD FreeSync™	AMD FreeSync Premium
Digital Signal Frequency Vertical	48-100HZ(HDMI), 48-144HZ(DP)
Digital Signal Frequency Horizontal	30k-160kHZ(HDMI), 30k-220kHZ(DP)
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Blue Light Technology	Low Blue Light
Multiview (PbP, PiP)	PiP+PbP
Colour space (sRGB) CIE 1931 %	126.5
Colour space (DCI-P3) CIE 1976 %	95.1
Colour space (Adobe RGB) CIE 1976 %	91.4
Flicker-Free	Flicker Free

CABINET INFORMATION

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

ERGONOMIC INFORMATION

Tilt	3.5° ±1.5° ~ 21.5° ±1.5°
Height adjust (mm)	130mm
Swivel	30° ±2° ~ 30° ±2°

GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, RTS, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu

SUSTAINABILITY

WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
Carton material	EPS

POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	59.0
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

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 2
Digital HDCP (HDMI version)	HDCP 2.2
DisplayPort	DisplayPort 1.4 x 2
USB Hub	Yes
USB type downstream	4
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
DP HDCP version	HDCP 2.2
USB generation	USB 3.2 (Gen 1)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	808.3 x (398.2~528.2) x 237.4
Product dimensions excl. base (WxHxD) mm	808.3 x 367.5 x 102.9
Packaging dimensions (WxHxD) mm	903 x 280 x 548
Gross weight incl. package (in kg)	12.0
Net weight excl. package (in kg)	8.02
Product without stand (kg)	6.51

WHAT'S IN THE BOX

HDMI cable	1x
Displayport cable	1x
Power Cable	Yes

OTHER INFORMATION

Warranty period	3 years

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.