# 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.

# 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.

# 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.

**Full HD** 1920 x 1080

**WQHD** 34

# 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.

VESA CERTIFIED
DisplayHDR™ 400

No HDR

# 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.

FPS  RACING  RTS  GAME 1  GAME 2

## 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 | 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 |

## 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 |

## ERGONOMICS

| | |
|---|---|
| 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 |