

**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**

## 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/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.





## 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.

### 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<br>GtG      | 1 ms                  |
| Response time<br>MPRT     | 1 ms                  |
| Static contrast<br>ratio  | 4000:1                |
| Dynamic contrast<br>ratio | 80M:1                 |
| Viewing angle<br>(CR10)   | 178/178               |
| Display colours           | 1.07 Billion          |
| Brightness in nits        | 430 cd/m <sup>2</sup> |

### VIDEO FEATURES

|   |   |
|---|---|
| Sync technology<br>(VRR)                  | Adaptive Sync                           |
| AMD FreeSync™                             | AMD FreeSync<br>Premium                 |
| Digital Signal<br>Frequency<br>Vertical   | 48-100HZ(HDMI),<br>48-144HZ(DP)         |
| Digital Signal<br>Frequency<br>Horizontal | 30k-<br>160kHZ(HDMI),<br>30k-220kHZ(DP) |
| HDR (High<br>Dynamic Range)               | VESA Certified<br>DisplayHDR™<br>400    |
| Blue Light<br>Technology                  | Low Blue Light                          |
| Multiview (PbP,<br>PiP)                   | PiP+PbP                                 |
| Colour space<br>(sRGB) CIE 1931 %         | 126,5                                   |
| Colour space<br>(DCI-P3) CIE 1976<br>%    | 95,1                                    |
| Colour space<br>(Adobe RGB) CIE<br>1976 % | 91,4                                    |
| Flicker-Free                              | Flicker Free                            |

### CABINET INFORMATION

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

### ERGONOMICS

|                       |                             |
|-----------------------|-----------------------------|
| Tilt                  | 3.5° ±1.5° ~ 21.5°<br>±1.5° |
| Height adjust<br>(mm) | 130mm                       |
| Swivel                | 30° ±2° ~ 30° ±2°           |

### GAMING FEATURES

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

### SUSTAINABILITY

|                 |     |
|-----------------|-----|
| WEEE            | Yes |
| REACH compliant | Yes |
| RoHs compliant  | Yes |
| Carton material | EPS |

### POWER CONSUMPTION

|   |          |
|---|----------|
| Power supply                                  | Internal |
| Power<br>consumption on<br>(typical) in watts | 59,0     |
| Power<br>consumption<br>standby in watts      | 0,5      |
| Power<br>consumption off<br>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.