

**AGON**  
BY AOC

UNLEASH YOUR  
POTENTIAL

POWERED BY  
**U32G4U**



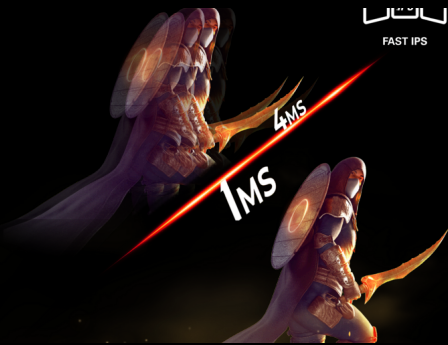
Step into the future of gaming with the U32G4U Dual-Frame Monitor, delivering the flexibility to dominate in UHD 160Hz or push speed to the limit with FHD 320Hz. Featuring a cutting-edge Fast IPS panel with 1ms GtG and ultra-low 0.5ms MPRT, every frame is crisp, responsive, and packed with detail. HDR400 certification, a wide color gamut, and AdaptiveSync guarantee breathtaking visuals without tearing or stutter. Equipped with HDMI 2.1 for next-gen connectivity, a USB hub for streamlined setups, and an ergonomic stand designed for comfort, the U32G4U is built for both high-performance gaming and creative multitasking.

- **DFM UHD@160Hz - FHD@320Hz - MONITOR**
- **Fast IPS**
- **1ms Response time GTG - Grey-to-Grey**
- **Adaptive sync**
- **WIDE COLOR GAMUT**
- **Vesa Certified DisplayHDR™ 400**

## **DFM UHD@160HZ - FHD@320HZ - MONITOR**

Dual Frame Mode (DFM) on AOC monitors offers unparalleled flexibility, allowing users to harness the power of UHD 3840x2160 resolution at an ultra-smooth 160Hz refresh rate. This advanced feature delivers exceptionally sharp, vibrant, and fluid visuals, perfect for immersive gaming, high-definition content creation, and cinematic experiences, ensuring every detail is rendered with stunning clarity and responsiveness. Push Your Performance to the Limit with a Lightning-Fast 320Hz Refresh Rate at Full HD Resolution. Perfectly Balanced for Competitive Gamers, This Display Delivers Ultra-Smooth Motion, Razor-Sharp Clarity, and Minimal Input Lag—Giving You the Speed and Precision to Stay Ahead in Every Frame.





## FAST IPS

Unlock your gaming potential with Fast IPS panels offering rapid pixel response times of up to 1ms GtG. Say farewell to motion blur as you enjoy sharper images, enhancing precision targeting and boosting performance in high-speed games. Experience the advantages of fast IPS technology, including vibrant colors and wide viewing angles, for an immersive gaming experience and unleash your full potential.

## 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.



## ADAPTIVE SYNC

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.

## WIDE COLOR GAMUT

When you are enjoying photos, videos or games, we want your screen content to look as lifelike as possible. That is why this display comes with Wide Colour Gamut technology, which means that it is able to display a lot more colours than conventional monitors. This is achieved through a special hardware solution, not through mere software adjustments. The result: true-to-life images with fine details that become visible thanks to the broader colour palette.



## 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.

## GENERAL

|                   |               |
|-------------------|---------------|
| Model Name        | U32G4U        |
| Brand             | AOC           |
| Channel           | B2C, Gaming   |
| Product line      | AOC Gaming    |
| Design family     | G4            |
| Launch date (ETA) | 10/8/2025     |
| EAN               | 4038986113113 |

## DISPLAY INFORMATION

|                           |                |
|---------------------------|----------------|
| Screen size (inch)        | 31,5           |
| Screen size (cm)          | 80,0           |
| Flat / Curved             | Flat           |
| Panel treatment           | Antiglare (AG) |
| Pixel Pitch (mm)          | 0,1818         |
| Pixels per Inch           | 139,87         |
| Panel resolution          | 3840x2160      |
| Aspect ratio              | 16:9           |
| Panel type                | Fast IPS       |
| Backlight type            | WLED           |
| Max Refresh rate          | 160 Hz         |
| Response time<br>GtG      | 1 ms           |
| Response time<br>MPRT     | 0.5 ms         |
| Static contrast<br>ratio  | 1000:1         |
| Dynamic contrast<br>ratio | 80M:1          |
| Viewing angle<br>(CR10)   | 178/178        |
| Display colours           | 16.7 Million   |
| Brightness in nits        | 450 cd/m2      |
| Local Dimming<br>Zones    | Global Dimming |

## VIDEO FEATURES

|   |  |
|---|--|
| Sync technology<br>(VRR)                  | Adaptive Sync  |
| Digital Signal<br>Frequency<br>Horizontal | 3840x2160@160Hz<br>(DP/HDMI)<br>48~160HZ<br>/30~360KHz |
| HDR (High<br>Dynamic Range)               | 1920x1080@320Hz<br>(DP/HDMI)<br>48~320HZ<br>/30~360KHz |

|                             |                                      |
|-----------------------------|--------------------------------------|
| HDR (High<br>Dynamic Range) | VESA Certified<br>DisplayHDR™<br>400 |
|-----------------------------|--------------------------------------|

|                          |               |
|--------------------------|---------------|
| Blue Light<br>Technology | Low Blue Mode |
|--------------------------|---------------|

|                         |         |
|-------------------------|---------|
| Multiview (PbP,<br>PiP) | PiP+PbP |
|-------------------------|---------|

|                                   |       |
|-----------------------------------|-------|
| Colour space<br>(sRGB) CIE 1976 % | 127,2 |
|-----------------------------------|-------|

|  |      |
|--|------|
| Colour space<br>(DCI-P3) CIE 1976<br>% | 95,6 |
|--|------|

|   |      |
|---|------|
| Colour space<br>(Adobe RGB) CIE<br>1976 % | 91,8 |
|---|------|

|              |              |
|--------------|--------------|
| Flicker-Free | Flicker Free |
|--------------|--------------|

## CABINET INFORMATION

|                         |       |
|-------------------------|-------|
| Bezel Colour<br>(front) | Black |
|-------------------------|-------|

|                              |            |
|------------------------------|------------|
| Cabinet colour<br>(backside) | Black, Red |
|------------------------------|------------|

|                                 |         |
|---------------------------------|---------|
| Cabinet finishing<br>(backside) | Texture |
|---------------------------------|---------|

|                 |     |
|-----------------|-----|
| Removable stand | Yes |
|-----------------|-----|

|                |         |
|----------------|---------|
| Vesa wallmount | 100x100 |
|----------------|---------|

## ERGONOMICS

|      |                   |
|------|-------------------|
| Tilt | -3° ±2° ~ 21° ±2° |
|------|-------------------|

|                       |       |
|-----------------------|-------|
| Height adjust<br>(mm) | 130mm |
|-----------------------|-------|

|        |                   |
|--------|-------------------|
| Swivel | 20° ±2° ~ 20° ±2° |
|--------|-------------------|

|       |                   |
|-------|-------------------|
| Pivot | 90° ±2° ~ 90° ±2° |
|-------|-------------------|

## GAMING FEATURES

|              |  |
|--------------|--|
| Gaming style | Shooters,<br>MMORPG, Action,<br>eSports, RTS,<br>Beat'm up, Racing |
|--------------|--|

|           |   |
|-----------|---|
| Game mode | RTS, FPS, Racing,<br>Gamer 1, Gamer 2,<br>Off |
|-----------|---|

|                       |        |
|-----------------------|--------|
| Gaming<br>convenience | G-menu |
|-----------------------|--------|

|                   |                 |
|-------------------|-----------------|
| PS5 Compatibility | 3840x2160@120Hz |
|-------------------|-----------------|

|                         |                 |
|-------------------------|-----------------|
| Xbox X<br>Compatibility | 3840x2160@120Hz |
|-------------------------|-----------------|

|                         |                 |
|-------------------------|-----------------|
| Xbox S<br>Compatibility | 2560x1440@120Hz |
|-------------------------|-----------------|

## SUSTAINABILITY

|      |     |
|------|-----|
| WEEE | Yes |
|------|-----|

|                 |     |
|-----------------|-----|
| REACH compliant | Yes |
|-----------------|-----|

|                |     |
|----------------|-----|
| RoHs compliant | Yes |
|----------------|-----|

## POWER CONSUMPTION

|              |          |
|--------------|----------|
| Power supply | Internal |
|--------------|----------|

|   |      |
|---|------|
| Power<br>consumption on<br>(typical) in watts | 43,0 |
|---|------|

|  |     |
|--|-----|
| Power<br>consumption<br>standby in watts | 0,5 |
|--|-----|

|                                      |     |
|--------------------------------------|-----|
| Power<br>consumption off<br>in watts | 0,3 |
|--------------------------------------|-----|

|              |   |
|--------------|---|
| Energy class | F |
|--------------|---|

## REGULATORY COMPLIANCE

|                 |     |
|-----------------|-----|
| CB              | Yes |
| CE              | Yes |
| TUV-Bauart-Mark | Yes |
| ISO 9241-307    | Yes |
| EAC             | Yes |
| FCC             | Yes |
| UKCA            | Yes |

## CONNECTIVITY INFORMATION

|                      |                           |
|----------------------|---------------------------|
| HDMI                 | HDMI 2.1 x 2              |
| DisplayPort          | DisplayPort 1.4 x 1       |
| USB Hub              | Yes                       |
| USB type downstream  | 4 x USB-A                 |
| USB fast charge port | Yes                       |
| Audio Output         | 1x Audio out              |
| USB Type upstream    | 1 x USB-B                 |
| USB generation       | USB 3.2 (Gen 1), 5 Gbit/s |

## PRODUCT DIMENSIONS

|  |                         |
|--|-------------------------|
| Product dimensions incl. base (WxHxD) mm | 716.1 x 592-462 x 269.6 |
| Product dimensions excl. base (WxHxD) mm | 716.1 x 424.3 x 59.9    |
| Packaging dimensions (WxHxD) mm          | 980 x 527x 226          |
| Gross weight incl. package (in kg)       | 11,42                   |
| Net weight excl. package (in kg)         | 8,01                    |
| Product without stand (kg)               | 5,72                    |

## SOFTWARE

|          |        |
|----------|--------|
| Software | G-Menu |
|----------|--------|

## WHAT'S IN THE BOX

|                      |                       |
|----------------------|-----------------------|
| HDMI cable           | 1.8                   |
| Displayport cable    | 1.8                   |
| USB-B upstream cable | 1x USB-B to A<br>1.8m |
| Power Cable          | Yes                   |

## OTHER INFORMATION

|                 |         |
|-----------------|---------|
| Warranty period | 3 years |
|-----------------|---------|