

**AGON**  
BY AOC

BUILT TO COMPETE

POWERED BY

**G2490VXA**



AMD  
**FreeSync**  
Premium



SHADOW  
CONTROL



The G2490VXA boasts high-caliber performance with 144 Hz refresh rate, 1 ms response time (MPRT), FreeSync premium for stutter and tear-free gaming and popping colours thanks to the contrast-rich VA panel.

- **Freesync Premium**
- **FHD Resolution**
- **AOC Game Color and Shadow control**
- **144Hz Refresh Rate**

## 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.





## FHD RESOLUTION

Want to watch a Blu-ray movie in full quality, enjoy games in high resolution or read crisp text in office applications? Thanks to its Full HD resolution of 1920 x 1080 pixels, this monitor lets you do just that. Whatever you are viewing, with Full HD it will be displayed in rich detail without requiring a high-end graphics card or consuming a lot of your system's resources.

## AOC GAME COLOR AND SHADOW CONTROL

Bring the battle out of the shadows with AOC Shadow Control and AOC Game Color! Adjust grey levels for better picture detail and brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.



## 144HZ REFRESH RATE

Equip yourself with twice the frame rate of other monitors and say goodbye to image stuttering and blurry motion. With a 144Hz refresh rate every frame is rendered sharply and in smooth succession, so you can line up your shots accurately and appreciate high speed races in all their glory.

| GENERAL                |                  | CABINET INFORMATION          |                                         | POWER CONSUMPTION                                      |                                   |
|------------------------|------------------|------------------------------|-----------------------------------------|--------------------------------------------------------|-----------------------------------|
| Model Name             | G2490VXA         | Bezel Colour (front)         | Black, Red                              | Power supply                                           | External                          |
| Channel                | Gaming           | Cabinet colour (backside)    | Black, Red                              | Power consumption on (Energystar test method) in watts | 22,0                              |
| Product line           | AOC Gaming       | Cabinet finishing (backside) | Texture                                 | Power consumption standby in watts                     | 0,5                               |
| Design family          | G90              | Removable stand              | Yes                                     | Power consumption off in watts                         | 0,5                               |
| Launch date (ETA)      | 9/1/2020         | Speaker power                | 2 W x 2                                 | Energy class                                           | E                                 |
| EAN                    | 4038986148641    | Kensington Lock              | Yes                                     |                                                        |                                   |
|                        |                  | Vesa wallmount               | 100x100                                 |                                                        |                                   |
| DISPLAY INFORMATION    |                  | ERGONOMICS                   |                                         | REGULATORY COMPLIANCE                                  |                                   |
| Screen size (inch)     | 23,8             | Tilt                         | -5/23                                   | CB                                                     | Yes                               |
| Screen size (cm)       | 60,452           |                              |                                         | CE                                                     | Yes                               |
| Flat / Curved          | Flat             |                              |                                         | ISO 9241-307                                           | Yes                               |
| Display hardness       | 3H               |                              |                                         | EAC                                                    | Yes                               |
| Panel treatment        | Antiglare (AG)   |                              |                                         | Microsoft WHQL                                         | Yes                               |
| Pixels per Inch        | 92,0             | GAMING FEATURES              |                                         |                                                        |                                   |
| Panel resolution       | 1920x1080        | Gaming style                 | MMORPG, Action, RTS                     |                                                        |                                   |
| Aspect ratio           | 16:9             | Game mode                    | RTS, FPS, Racing, Gamer 1, Gamer 2, Off |                                                        |                                   |
| Panel type             | VA               | Gaming convenience           | G-menu                                  |                                                        |                                   |
| Backlight type         | WLED             |                              |                                         | CONNECTIVITY INFORMATION                               |                                   |
| Max Refresh rate       | 144 Hz           |                              |                                         | HDMI                                                   | HDMI 1.4 x 1                      |
| Response time GtG      | 4 ms             | SUSTAINABILITY               |                                         | DisplayPort                                            | DisplayPort 1.2 x 1               |
| Response time MPRT     | 1 ms             | WEEE                         | Yes                                     | Audio Output                                           | Headphone out (3,5mm)             |
| Static contrast ratio  | 3000:1           | REACH compliant              | Yes                                     |                                                        |                                   |
| Dynamic contrast ratio | 80M:1            | RoHs compliant               | Yes                                     | PRODUCT DIMENSIONS                                     |                                   |
| Viewing angle (CR10)   | 178/178          | HF                           | Yes                                     | Product dimensions incl. base (WxHxD) mm               | 541.24(H) x 411.01(W) x 199.69(D) |
| Display colours        | 16.7 Million     | Mercury free                 | Yes                                     | Product dimensions excl. base (WxHxD) mm               | 541.24(H) x 322.96(W) x 47(D)     |
| Brightness in nits     | 350 cd/m2        | Recycable packaging material | 100 % recycable                         | Packaging dimensions (WxHxD) mm                        | 420(H) x 620(W) x 182(D)          |
|                        |                  |                              |                                         | Gross weight incl. package (in kg)                     | 5,2                               |
| VIDEO FEATURES         |                  |                              |                                         | Net weight excl. package (in kg)                       | 3,55                              |
| Sync technology (VRR)  | Freesync Premium |                              |                                         |                                                        |                                   |
| Blue Light Technology  | Low Blue Light   |                              |                                         |                                                        |                                   |
| Flicker-Free           | Flicker Free     |                              |                                         |                                                        |                                   |

#### WHAT'S IN THE BOX

|            |     |
|------------|-----|
| HDMI cable | 1.8 |
|------------|-----|

|                   |     |
|-------------------|-----|
| Displayport cable | 1.8 |
|-------------------|-----|

#### OTHER INFORMATION

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