AGON BY AOC

# EVERY MILLISECOND MATTERS

POWERED BY

# G2590PX/G2

The G2 Esports Signature edition of the G2590PX is visually stunning in the game and on your desk while delivering the usual award-winning performance you are used to, including 144Hz refresh rate, 1 ms response time and a 24.5" Full HD 3-sides frameless design display.

- **Themed design**
- **AOC Game Color and Shadow control**
- **FreeSync Premium and G-SYNC Compatible**

## THEMED DESIGN

In the spirit of the samurai, we have engineered the G2590PX/G2 to fit the G2 vision of competitive gaming. The monitor's slick metallic stand, with silver finish and G2 Esports art details on the front and back, reflect the dedication of both G2 and AOC to innovation and competitive performance.

## 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.

# FREESYNC PREMIUM AND G-SYNC COMPATIBLE

The most fluid and tear-free gaming experience, no matter what GPU you use. FreeSync Premium ensures a high refresh rate of at least 120Hz, as well as low framerate compensation for AMD graphics cards. Those who use a NVIDIA product instead can also enjoy the benefits and let their games run as smoothly as possible

## GENERAL

| | |
|---|---|
| Model Name | G2590PX/G2 |
| Channel | Gaming |
| Product line | AOC Gaming |
| Design family | G90 |
| Launch date (ETA) | 11/28/2017 |
| EAN | 4038986166614 |

## DISPLAY INFORMATION

| | |
|---|---|
| Screen size (inch) | 24,5 |
| Screen size (cm) | 62,23 |
| Flat / Curved | Flat |
| Display hardness | 3H |
| Pixel Pitch (mm) | 0,2832 |
| Panel resolution | 1920x1080 |
| Aspect ratio | 16:9 |
| Panel type | TN |
| Backlight type | WLED |
| Max Refresh rate | 144 Hz |
| Response time GtG | 1 ms |
| Static contrast ratio | 1000:1 |
| Dynamic contrast ratio | 50M:1 |
| Viewing angle (CR10) | 170/160 |
| Display colours | 16.7 Million |
| Brightness in nits | 400 cd/m² |

## VIDEO FEATURES

| | |
|---|---|
| Sync technology (VRR) | Freesync Premium |
| Blue Light Technology | Low Blue Light |
| Colour space (sRGB) CIE 1931 % | 96,0 |
| Colour space (Adobe RGB) CIE 1931 % | 84,0 |
| Flicker-Free | Flicker Free |

## CABINET INFORMATION

| | |
|---|---|
| Bezel Colour (front) | Black, Red |
| Cabinet colour (backside) | Black |
| Cabinet finishing (backside) | Texture |
| Removable stand | Yes |
| Speaker power | 2 W x 2 |
| Vesa wallmount | 100x100 |

## ERGONOMICS

| | |
|---|---|
| Tilt | -3,5/19,5 |
| Height adjust (mm) | 130mm |
| Swivel | -45/45 |
| Pivot | Yes |

## GAMING FEATURES

| | |
|---|---|
| Gaming style | Shooters, Action, FPS (eSports) |
| Game mode | RTS, FPS, Racing, Gamer 1, Gamer 2, Off |
| Gaming convenience | G-menu |

## SUSTAINABILITY

| | |
|---|---|
| TCO Certified | 7 |
| WEEE | Yes |
| RoHs compliant | Yes |
| Mercury free | Yes |
| Recycable packaging material | 100 % recycable |

## POWER CONSUMPTION

| | |
|---|---|
| Power supply | Internal |
| Power consumption on (Energystar test method) in watts | 23,0 |
| Power consumption standby in watts | 0,5 |
| Power consumption off in watts | 0,5 |
| Energy class | A |

## REGULATORY COMPLIANCE

| | |
|---|---|
| CB | Yes |
| CE | Yes |
| TUV-Bauart-Mark | Yes |
| ISO 9241-307 | Yes |
| EAC | Yes |
| Microsoft WHQL | Yes |
| Pixel policy | ISO 9241-307 |

| CONNECTIVITY INFORMATION | |
|---|---|
| HDMI | HDMI 1.4 x 2 |
| DisplayPort | DisplayPort 1.2 x 1 |
| USB Hub | Yes |
| USB type downstream | 4 |
| USB fast charge port | Yes |
| USB generation | USB 3.0 (4 USB downstream ports) |
| D-SUB (VGA) | 1x |

| PRODUCT DIMENSIONS | |
|---|---|
| Product dimensions incl. base (WxHxD) mm | 558.6(H) x 199.5(W) x 513.2(D) |
| Packaging dimensions (WxHxD) mm | 417(H) x 626(W) x 203(D) |
| Gross weight incl. package (in kg) | 7,2 |
| Net weight excl. package (in kg) | 5,43 |

| WHAT'S IN THE BOX | |
|---|---|
| HDMI cable | 1.8 |
| Displayport cable | 1.8 |
| Audio cable | 1.8 |
| Power cable C7 | 1.8 |

| OTHER INFORMATION | |
|---|---|
| Warranty period | 3 years |