



G2590PX

24.5", feature packed, sleek gaming at 144 Hz

It is fast! 144 Hz refresh rate coupled with 1 ms response time and FreeSync Premium support. 24.5" display in Full HD on a sleek, 3-sides frameless design, supported by ergonomic stand plus USB hub.

GENERAL

| | |
|-------------------|---------------|
| Model Name | G2590PX |
| EAN | 4038986166096 |
| Channel | Gaming |
| Product line | AOC Gaming |
| Design family | G90 |
| Launch date (ETA) | 11/28/2017 |

SCREEN

| | |
|------------------------|--------------|
| Screen size (inch) | 24.5 |
| Screen size (cm) | 62.23 |
| Flat / Curved | Flat |
| Display hardness | 3H |
| Panel resolution | 1920x1080 |
| Resolution name | FHD |
| 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 |
| Pixel Pitch (mm) | 0.2832 |

EXTERIOR

| | |
|------------------------------|-------------------|
| Bezel type (front) | 3-sided frameless |
| Bezel Colour (front) | Black, Red |
| Bezel finishing (front) | Texture |
| Cabinet colour (backside) | Black |
| Cabinet finishing (backside) | Texture |

ERGONOMICS

| | |
|--------------------|-----------|
| Vesa wallmount | 100x100 |
| Tilt | -3,5/19,5 |
| Swivel | -45/45 |
| Pivot | Yes |
| Height adjust (mm) | 130mm |

CONNECTIVITY AND MULTIMEDIA

| | |
|----------------------|----------------------------------|
| HDMI | HDMI 1.4 x 2 |
| DisplayPort | DisplayPort 1.2 x 1 |
| USB Hub | ✓ |
| USB Hub speed | USB 3.0 (4 USB downstream ports) |
| USB downstream ports | 4 |
| USB fast charge port | ✓ |
| D-SUB (VGA) | 1x |

MULTIMEDIA

| | |
|---------------|-----------------------|
| Speakers | ✓ |
| Speaker power | 2 W x 2 |
| Audio Output | Headphone out (3.5mm) |

FEATURES

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

GAMING FEATURES

| | |
|--------------------|---------------------------------|
| Gaming style | Shooters, Action, FPS (eSports) |
| Gaming convenience | G-menu |

SUSTAINABILITY

| | |
|---------------|---|
| TCO Certified | 7 |
|---------------|---|

POWER / ENVIRONMENTAL

| | |
|------------------------------------|--------------------|
| Power supply | Internal |
| Power source | 100 - 240V 50/60Hz |
| Power consumption standby in watts | 0.5 |
| Power consumption off in watts | 0.5 |
| Energy class | F |

PRODUCT DIMENSIONS

| | |
|--|--------------------------------|
| Product dimensions incl. base (WxHxD) mm | 513.2(H) x 558.6(W) x 199.5(D) |
| Packaging dimensions (WxHxD) mm | 417(H) x 626(W) x 203(D) |
| Gross weight incl. package (in kg) | 7.75 |
| Net weight excl. package (in kg) | 5.43 |

WHAT'S IN THE BOX

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|-------------------|-----|
| HDMI cable | 1.8 |
| Displayport cable | 1.8 |
| D-SUB (VGA) cable | 1.8 |

OTHER INFORMATION

| | |
|------------------------|-----------------------------------|
| MTBF | 50.000 hours (excluded backlight) |
| MTBF (excluding panel) | 50.000 hours |

REGULATORY COMPLIANCE

| | |
|--------------|---|
| ISO 9241-307 | ✓ |
|--------------|---|