



G2590PX

24.5 inch (62.2 cm) LCD MONITOR

No stuttering, no tearing, just gaming.

144Hz

1ms



3 SIDED
FRAMELESS

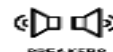
AMD
FreeSync



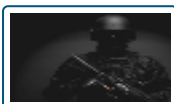
ADJUSTABLE
STAND

FHD

NVIDIA
G-SYNC



SPEAKERS



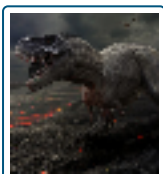
1ms Response Time

A pixel response time of 1ms GTG means speed without the smear for an enhanced experience. Fast-moving action and dramatic transitions will be rendered smoothly without the effects of ghosting.



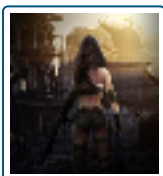
144Hz Refresh Rate

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.



Adaptive-Sync

Whatever your setup, achieve the highest framerate and smoothest display possible via Adaptive-Sync Technology. Whether you're dashing through explosions or screeching around rain slicked bends, wave goodbye to screen tearing and lag – and leave your opponents in your smoothly rendered dust.



Shadow Control

Bring the battle out of the shadows with Shadow Control! Brighten dark areas or sink them back into blackness on the fly, without affecting the rest of the display.

3D - G2590PX

<https://media.flixfacts.com/3d/3dfw/?arid=7000001>

| | |
|----------------|---------------------------------|
| General | |
| Model name | G2590PX |
| EAN | 4038986166096 |
| Product Line | AOC Gaming |
| Series | 90 Series |
| Channel | B2C |
| Classification | Superhero |
| Section | Gaming |
| Gaming style | Shooters, Action, FPS (eSports) |
| Launch date | 28-11-2017 |

| | |
|--------------------------|--|
| Screen | |
| Resolution | 1920x1080 |
| Refresh rate | 144Hz |
| Screen size (inch) | 24.5 inch |
| Screen size (cm) | 62.2 cm |
| Backlight | WLED |
| Panel Type | TN |
| Aspect ratio | 16:9 |
| Display Colours | 16.7 Million |
| sRGB Coverage (%) | 96 |
| Adobe RGB Coverage (%) | 84 |
| Active Screen Area (HxW) | 543,74x302,62 mm mm |
| Pixel Pitch | 0.2832 |
| Scanning Frequency | H=30~160KHz (DP/HDMI)/ 30~83KHz (other), V=30~146Hz (DP/HDMI)/ 50~76Hz (other) |
| Pixel Frequency | 330Hz |
| Response time (GtG) | 1 ms |
| Contrast (static) | 1000:1 |
| Contrast (dynamic) | 50M:1 |
| Brightness (typical) | 400 cd/m² |
| Viewing angle (CR10) | 170/160 ° |
| Hard Glass | 3H |
| OSD languages | EN, FR , ES, PT, DE, IT, NL, SE, FI, PL ,CZ, RU, KR, CN (T), CN (S), JP |

| | |
|-----------------|------------|
| Exterior | |
| Monitor colour | Black |
| Bezel Type | Borderless |
| Removable Stand | ✓ |

| Ergonomics | | |
|----------------------|--|-------------|
| Vesa Wallmount | | 100x100 |
| Tilt | | -3.5/19.5 ° |
| Swivel | | -45/45 ° |
| Pivot | | ✓ |
| Height Adjust Amount | | 130mm |

| Multimedia | | |
|-------------------|--|-----------------------|
| Built-in Speakers | | 2 W x 2 |
| Audio output | | Headphone out (3,5mm) |

| Connectivity and Multimedia | | |
|-----------------------------|--|--|
| Signal Input | | HDMI 1.4 x 2, DisplayPort 1.2 x 1, VGA |
| USB input | | USB 3.0 x 4 |
| USB Hub | | ✓ |
| USB out ports | | 4 |
| USB fast charge | | ✓ |

| What's in the Box? | | |
|--------------------|--|-------|
| VGA cable | | 1,8 m |
| HDMI cable | | 1,8 m |
| Displayport Cable | | 1,8 m |
| Audio Cable | | 1,8 m |
| USB cable | | 1,8 m |
| Power Cable C7 | | 1.8 m |

| Power / Environmental | | |
|---------------------------------------|--|--------------------|
| Powersupply | | Internal |
| Powersource | | 100 - 240V 50/60Hz |
| PowerConsumption On (Energystar) | | 28 watt |
| PowerConsumption Standby (Energystar) | | 0.5 watt |
| PowerConsumption Off (Energystar) | | 0.5 watt |
| EnergyClass | | A |

| Approbations / Regulations | | |
|------------------------------|--|--------------|
| Listed on Energystar Website | | ✓ |
| TCO | | 7 |
| TUV-Bauart | | ✓ |
| CE | | ✓ |
| EAC | | ✓ |
| ISO 9241-307 class I | | ✓ |
| Rohs compliant | | ✓ |
| other documentation | | aoc_2k11_osd |

| | | |
|-----------------|--|--------------|
| Warranty | | |
| Pixel Policy | | ISO 9241-307 |
| Warranty Period | | 3 Years |
| MTBF | | 50.000 hours |

Dimensions / Weights

| | |
|----------------------------------|----------------------|
| Product height (mm) | 513.2 |
| Product width (mm) | 558.6 |
| Product depth (mm) | 199.5 |
| Packaging Dimensions (L x W x H) | 626x203x417 mm |
| Product Dimensions (incl base) | 558.6x199.5x513.2 mm |
| Gross Weight (including package) | 7.75 Kg |
| Net Weight (excluding package) | 5.43 Kg |

Texts and USP

| | |
|-----------------|---|
| Marketing title | G2590PX 62.2 cm 1920x1080@144Hz 1 ms TN VGA, DisplayPort 1.2 x 1, HDMI 1.4 x 2 30-144 |
|-----------------|---|

| | | |
|-----------------------|--|------------------|
| Features | | |
| Sync Technology | | FreeSync Premium |
| G-Sync Compatible | | ✓ |
| Sync Range | | 30-144 |
| Flicker-free | | ✓ |
| Blue Light Technology | | Low blue light |