



G2790PX

27 inch (68.6 cm) LCD MONITOR

No stuttering, no tearing, just gaming.

144Hz

1ms



3 SIDED
FRAMELESS



ADJUSTABLE
STAND



FLICKER FREE



LOW BLUE MODE



SPEAKERS



USB HUB



VESA MOUNT

AMD
FreeSync
Premium



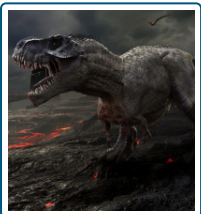
1ms Response Time

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.



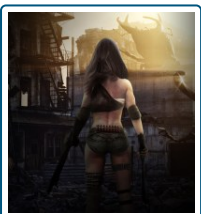
144Hz Refresh Rate

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.



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.



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.

General

| | |
|---------------------|---------------------------------|
| Model name | G2790PX |
| EAN | 4038986186179 |
| Product Line | AOC Gaming |
| Series | 90 Series |
| Channel | B2C |
| Classification | Hero |
| Section | Gaming |
| Gaming style | Shooters, Action, FPS (eSports) |
| Launch date | 28-11-2017 |
| Continent | Europe |
| Product status (EU) | Active |

Screen

| | |
|--------------------------|---|
| Resolution | 1920x1080 |
| Refresh rate | 144Hz |
| Screen size (inch) | 27 inch |
| Screen size (cm) | 68.6 cm |
| Flat / Curved | Flat |
| Backlight | WLED |
| Panel Type | TN |
| Aspect ratio | 16:9 |
| Display Colours | 16.7 Million |
| Panel Colour in Bits | 8 |
| Active Screen Area (HxW) | 597,89x336,31 mm mm |
| Pixel Pitch | 0.311 |
| Scanning Frequency | H=30~160KHz (DP)/ 30~83KHz (other), V=50~146Hz (DP)/ 50~76Hz (other) |
| Pixel Frequency | 330Hz |
| Response time (GtG) | 1 ms |
| Contrast (static) | 1000:1 |
| Contrast (dynamic) | 50M:1 |
| Brightness (typical) | 400 cd/m ² |
| 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 |
|-------------------|---------|

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?

| | |
|-------------------|-------|
| 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) | 32 watt |
| PowerConsumption Standby (Energystar) | 0.5 watt |
| PowerConsumption Off (Energystar) | 0.5 watt |
| EnergyClass | B |

Approbations / Regulations

| | |
|----------------------|---|
| TCO | 7 |
| TUV-Bauart | ✓ |
| CE | ✓ |
| FCC | ✓ |
| EAC | ✓ |
| ISO 9241-307 class I | ✓ |
| Rohs compliant | ✓ |

Warranty

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

Dimensions / Weights

| | |
|----------------------------------|-----------------------|
| Product height (mm) | 536.4 |
| Product width (mm) | 614.9 |
| Product depth (mm) | 199.51 |
| Packaging Dimensions (L x W x H) | 703x226x468 mm |
| Product Dimensions (incl base) | 614.9x199.51x536.4 mm |
| Gross Weight (including package) | 8.78 Kg |
| Net Weight (excluding package) | 6.46 Kg |

Texts and USP

| | |
|-----------------|---|
| Marketing title | 27 inch 1920x1080@144Hz 1 ms TN VGA, DisplayPort 1.2 x 1, HDMI 1.4 x 2 USB 3.0 x 4 FreeSync Premium |
|-----------------|---|

Features

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