

**AGON**  
BY AOC

UNLEASH YOUR  
POTENTIAL

POWERED BY  
**Q27G4X**



Introducing the Q27G4X, a fusion of gaming excellence and cutting-edge technology. Dive into yourself in a visual spectacle with QHD resolution, providing outstanding images that redefine your gaming encounters. Fast IPS technology takes center stage, delivering outstanding performance in color reproduction and contrast ratio that elevates your gaming experience and offers top-tier gaming setup with superior solution for all-round gamers. With a highly responsive 180Hz refresh rate and a rapid 1ms GtG response time, every frame isn't just visible but striking, providing a competitive edge.

- **HDMI**
- **0.5ms MPRT - Moving Picture Response Time**
- **QHD Resolution**
- **Adaptive sync**
- **Vesa Certified DisplayHDR™ 400**
- **GMENU**

## HDMI

HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).

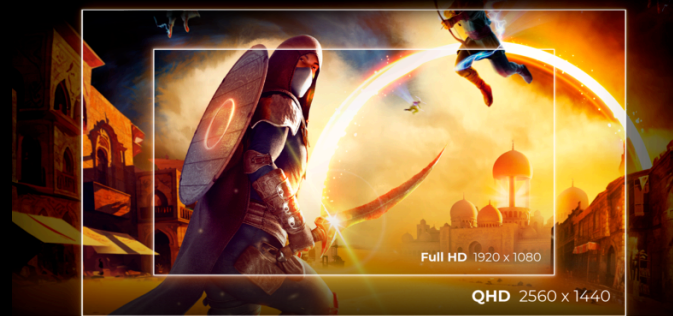


## 0.5MS MPRT - MOVING PICTURE RESPONSE TIME

MPRT is an acronym for moving picture response time. MPRT technology disables and enables your monitor backlight during picture changes. Through the reduced time a frame is shown on the monitor, "ghosting" and "blurring" effects are reduced, resulting in a smoother, more "fluid" feeling gaming experience.

## QHD RESOLUTION

With 2560 x 1440 resolution, Quad HD (QHD) offers superior picture quality and sharp imagery that reveals the finest details. The widescreen 16:9 aspect ratio provides plenty of space to spread out and work, plus allows you to enjoy games or movies in their original size.



## ADAPTIVE SYNC

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.

## VESA CERTIFIED DISPLAYHDR™ 400

Even the lowest level of High Dynamic Range (HDR) feature poses a significant upgrade to common monitors. The peak luminance of 400 cd/m<sup>2</sup> enables your display to hone the picture quality with a manifold colour spectrum and more diverse contrast. The VESA-certificate ensures richness of detail and realistic portrayals of game and film worlds.



## G MENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.



| GENERAL                |                | VIDEO FEATURES                      |                                          | ERGONOMICS                              |                                                                          |
|------------------------|----------------|-------------------------------------|------------------------------------------|-----------------------------------------|--------------------------------------------------------------------------|
| Model Name             | Q27G4X         | Sync technology (VRR)               | Adaptive Sync                            | Tilt                                    | -3° ±2° ~ 21° ±2°                                                        |
| Brand                  | AOC            | NVIDIA G-SYNC™                      | NVIDIA G-SYNC Compatible                 | Height adjust (mm)                      | 130mm                                                                    |
| Channel                | Gaming         | Digital Signal Frequency Vertical   | HDMI2.0 48-144hz (V) DP1.4 48-180hz(V)   | Swivel                                  | 28° ±2° ~28° ±2°                                                         |
| Product line           | AOC Gaming     | Digital Signal Frequency Horizontal | HDMI2.0 30-230khz (H) DP1.4 30-280Khz(H) | Pivot                                   | 90° ±2° ~ 90° ±2°                                                        |
| Design family          | G4             | HDR (High Dynamic Range)            | VESA Certified DisplayHDR™ 400           | GAMING FEATURES                         |                                                                          |
| EAN                    | 4038986181389  | Blue Light Technology               | Low Blue Light                           | Gaming style                            | Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing |
| DISPLAY INFORMATION    |                | Colour space (sRGB) CIE 1931 %      | 127,3                                    | Game mode                               | RTS, FPS, Racing, Gamer 1, Gamer 2, Off                                  |
| Screen size (inch)     | 27,0           | Colour space (DCI-P3) CIE 1976 %    | 93,5                                     | Gaming convenience                      | G-menu                                                                   |
| Screen size (cm)       | 68,6           | Colour space (Adobe RGB) CIE 1976 % | 89,8                                     | PS5 Compatibility                       | 2560x1440@120Hz                                                          |
| Flat / Curved          | Flat           | Flicker-Free                        | Flicker Free                             | Xbox X Compatibility                    | 2560x1440@120Hz                                                          |
| Panel treatment        | Antiglare (AG) | CABINET INFORMATION                 |                                          | Xbox S Compatibility                    | 2560x1440@120Hz                                                          |
| Pixels per Inch        | 108,8          | Bezel Colour (front)                | Black                                    | SUSTAINABILITY                          |                                                                          |
| Panel resolution       | 2560x1440      | Cabinet colour (backside)           | Black, Red                               | Carton material                         | Paper                                                                    |
| Aspect ratio           | 16:9           | Cabinet finishing (backside)        | Matt                                     | Carton material print                   | Water Print (Brown Carton)                                               |
| Panel type             | Fast IPS       | Kensington Lock                     | Yes                                      | POWER CONSUMPTION                       |                                                                          |
| Backlight type         | WLED           | Vesa wallmount                      | 100x100                                  | Power supply                            | Internal                                                                 |
| Max Refresh rate       | 180 Hz         |                                     |                                          | Power consumption on (typical) in watts | 29,0                                                                     |
| Response time GtG      | 1 ms           |                                     |                                          | Power consumption standby in watts      | 0,5                                                                      |
| Response time MPRT     | 0.5 ms         |                                     |                                          | Power consumption off in watts          | 0,3                                                                      |
| Static contrast ratio  | 1000:1         |                                     |                                          | Energy class                            | F                                                                        |
| Dynamic contrast ratio | 80M:1          |                                     |                                          |                                         |                                                                          |
| Viewing angle (CR10)   | 178/178        |                                     |                                          |                                         |                                                                          |
| Display colours        | 1.07 Billion   |                                     |                                          |                                         |                                                                          |
| Brightness in nits     | 450 cd/m2      |                                     |                                          |                                         |                                                                          |

## CONNECTIVITY INFORMATION

|                                |                          |
|--------------------------------|--------------------------|
| HDMI                           | HDMI 2.0 x 2             |
| Digital HDCP<br>(HDMI version) | HDCP 2.2                 |
| DisplayPort                    | DisplayPort 1.4 x 1      |
| Audio Output                   | Headphone out<br>(3.5mm) |
| USB generation                 | No                       |
| D-SUB (VGA)                    | 0x                       |
| DVI                            | 0x                       |
| RJ45                           | No                       |

## PRODUCT DIMENSIONS

|                                                   |                                     |
|---------------------------------------------------|-------------------------------------|
| Product<br>dimensions incl.<br>base (WxHxD)<br>mm | 613.9 x<br>(386.0~516.0) x<br>207.7 |
| Product<br>dimensions excl.<br>base (WxHxD)<br>mm | 613.9 x 366.3 x 51.3                |
| Packaging<br>dimensions<br>(WxHxD) mm             | 822 × 481x 162                      |
| Gross weight incl.<br>package (in kg)             | 8,36                                |
| Net weight excl.<br>package (in kg)               | 5,29                                |
| Product without<br>stand (kg)                     | 3,42                                |

## WHAT'S IN THE BOX

|                   |    |
|-------------------|----|
| HDMI cable        | 1x |
| Displayport cable | 1x |

## OTHER INFORMATION

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