

# 27G4X

**Unleash gaming power with 180Hz, 1ms Response, and HDR10**

Experience the power of the G4 series with the 27G4X – a weapon that satisfies both casuals and home players. Brace yourself for an eSports upgrade like never before, featuring a fair-sized 27-inch display and a lightning-fast IPS panel. Witness the elimination of motion blur with up to 1ms GtG response time and an inspiring 180 Hz refresh rate. A truly optimal gaming experience will wait for you with low input lag. Say goodbye to restrictions with a three-side frameless design, giving you the entire battlefield for your gaming adventures. HDR10 takes your content to the next level.

| GENERAL | |
|---|---|
| Model Name | 27G4X |
| Brand | AOC |
| Channel | Gaming |
| Product type | Monitor |
| Product line | AOC Gaming |
| Design family | G4 |
| Classification | Superhero |

| OTHER INFORMATION | |
|---|---|
| EAN | 4038986181396 |
| MTBF | 30.000 hours |
| Accessory box | No |
| Operation System | Windows 8.1/10/11, MacOS |
| Plug & Play Compatibility | Yes, DDC/CI |

| DISPLAY INFORMATION | |
|---|---|
| Screen size (inch) | 27 |
| Flat / Curved | Flat |
| Panel treatment | Antiglare (AG) |
| Pixel Pitch | 0.31125 |
| Pixels per Inch | 82 |
| Panel resolution | 1920x1080 |
| Aspect ratio | 16:9 |
| Panel type | IPS |
| Backlight type | WLED |
| Refresh rate | 180 Hz |
| Response time GtG | 1 ms |
| Response time MPRT | 0.5 ms |
| Static contrast ratio | 1000:1 |
| Viewing angle (CR10) | 178/178 |
| Display colours | 16.7M (6bits+FRC) |
| Brightness in nits | 300 cd/m2 |
| Color Gamut | Panel native : NTSC 85%@CIE1931 Area |
| OD Response (typical) | 1 ms GtG |
| Panel Haze Value | 25% |
| Panel IIS | A(2:3:5) |
| Support 1:1 function | No |
| Local Dimming Zones | Global Dimming |

| VIDEO FEATURES | |
|---|---|
| G-Sync compatible | Yes |
| Digital Signal Frequency Vertical | 48-180Hz |
| Digital Signal Frequency Horizontal | 30-200Khz |
| HDR (High Dynamic Range) | HDR Ready |
| Colour space (sRGB) CIE 1931 % | 128.6 |
| Colour space (sRGB) CIE 1976 % | 128.3 |
| Colour space (DCI-P3) CIE 1931 % | 94.8 |
| Colour space (DCI-P3) CIE 1976 % | 102.2 |
| Colour space (Adobe RGB) CIE 1931 % | 95.3 |
| Colour space (Adobe RGB) CIE 1976 % | 109.9 |
| Colour space (NTSC) CIE 1931 % | 91.1 |
| Colour space (NTSC) CIE 1976 % | 111.8 |
| Colour space (BT 709) CIE 1931 % | 128.6 |
| Colour space (BT 709) CIE 1976 % | 128.3 |
| Colour space (BT 2020) CIE 1931 % | 68 |
| Colour space (BT 2020) CIE 1976 % | 74.4 |
| Flicker-Free | Flicker Free |
| eyeSafe (TUV) hardware | No |
| KVM | No |

| GAMING FEATURES | |
|---|---|
| Gaming convenience | 6 Games Mode |
| Low Input Lag | No |

| CABINET INFORMATION | |
|---|---|
| Bezel type (front) | 3-sided frameless |
| Bezel Colour (front) | Black |
| Cabinet colour (backside) | Black |
| Light FX (RGB) | No |
| Speakers | Yes |
| Speaker power | 2 W x 2 |
| Kensington Lock | Yes |
| Vesa wallmount | 100x100 |
| Quick release function | Yes |
| Sound enhancement | No |
| Stand screw spec | Thumb screw |
| VESA Mount screw Spec | M4 x 10 |
| MonitorWebcam | No |

| ERGONOMIC INFORMATION | |
|---|---|
| Tilt | -3.5° ±1.5° ~ 21.5° ±1.5° |
| Height adjust (mm) | 130mm |
| Swivel | 30° ±2° ~30° ±2° |
| Pivot | 91° ±1° ~ 91° ±1° |

| CONNECTIVITY INFORMATION | |
|---|---|
| HDMI | HDMI 2.0 x 2 |
| Digital HDCP (HDMI version) | HDCP 2.2 |
| Display Port | DisplayPort 1.4 x 1 |
| Audio Output | 1x Audio out |
| Microphone in | No |
| Displaylink in | No |
| Displayport output | 0x |
| DP HDCP version | HDCP 2.2 |
| DVI HDCP version | HDCP 2.2 |
| MST / Daisy chain (DP out or TBT out) | No |
| Thunderbolt in | 0x |
| Thunderbolt out | 0x |
| PD for USB C/TBT | No |
| USB Hub up stream | No |
| Microphone out | No |
| D-SUB (VGA) | 0x |
| DVI | 0x |
| RJ45 | No |

| SUSTAINABILITY | |
|---|---|
| TCO Certified | No |
| EPA (latest version) | No |
| Halogen free | No |
| CEC | No |
| Carton material | Paper |
| Carton material print | Water Print (Brown Carton) |

| POWER CONSUMPTION | |
|---|---|
| Power supply | Internal |
| Power source | 100 - 240V 50/60Hz |
| Power consumption on (maximum) in watts | 46 |
| Power consumption on (typical) in watts | 24 |
| Power consumption standby in watts | 0.5 |
| Power consumption off in watts | 0.3 |
| Power LED indicator (Operation) | White/Blue |
| Power LED indicator (Standby) | Orange |
| Power Switch | No |
| Smart Power | No |

| PRODUCT DIMENSIONS | |
|---|---|
| Product dimensions incl. base (WxHxD) mm | (386.0~516.0) x 613.9 x 207.7 |
| Product dimensions excl. base (WxHxD) mm | 366.3 x 613.9 x 51.3 |
| Packaging dimensions (WxHxD) mm | 822 × 162 x 481 |
| Packaging dimensions (WxHxD) mm (CN) | 822 × 162 x 481 |
| Gross weight incl. package (in kg) | 8.48 |
| Net weight excl. package (in kg) | 5.41 |
| Gross weight incl. package (in kg) (CN) | 8.48 |
| Product without stand (kg) | 3.57 |

| WHAT'S IN THE BOX | |
|---|---|
| RS232 | No |
| Color and brightness uniformity report in box | No |

| MAXIMUM RESOLUTION BY CONNECTOR | |
|---|---|
| Default resolution by input | 1920 x 1080 |
| Max resolution by input | 1920 x 1080 |

| ACOUSTICS | |
|---|---|
| Noise canceling | No |