

**AGON**  
BY /AOC

UNLEASH YOUR  
POTENTIAL

POWERED BY

**Q27G40XMN**



AOC Q27G40XMN delivers sharp 2560x1440 resolution and a smooth 180Hz refresh rate. Powered by a fast VA panel with up to 1ms GtG and HDR10 support, this monitor produces stunning visuals. Experience the edge of unbeatable responsiveness with a 1ms GtG and low input lag. Designed for victory, the height-adjustable eSports base offers customizable comfort for those marathon gaming sessions. With a FreeSync Premium Certified, Adaptive eSync, flicker free, and low blue mode, this is your ultimate weapon for conquering the competition.

- **Flicker Free**
- **Low Blue Light**
- **E-sports monitor stand**
- **GMENU**
- **Low Input Lag**
- **180Hz Refresh Rate**

## FLICKER FREE

AOC Flicker-Free Technology utilises a DC (Direct Current) backlight panel, reducing flickering light levels. With eye strain and fatigue absolutely minimized, feel free to enjoy those long, intense gaming sessions in comfort!

## LOW BLUE LIGHT

AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.

# E-SPORTS MONITOR STAND

Our new stand. Co-designed with eSports professionals, allows you to maximize free space for all your peripherals. The base of the monitor is designed to reduce the footprint of your monitor on your desk, and even allows you to place your keyboard on top. The stand includes cable management to keep your desk clean. No matter what genre you compete in, we want you to feel like a pro.

## G MENU

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

## LOW INPUT LAG

Unleash your reflexes by switching to the AOC Low Input Lag mode. Forget graphical frills; this mode rewires the monitor in favour of raw response time, giving the ultimate edge in hair trigger stand offs.

## 180HZ REFRESH RATE

Competitive and intense gaming demands the best technology to ensure lag-free, smoother gaming. This AGON by AOC monitor features a 180Hz refresh rate, making it 3x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them very difficult targets to hit. A 180Hz frame rate restores those critical missing images back onto the screen, revealing enemy movements in ultra-smooth motion, letting you more easily target. With this AGON by AOC gaming monitor, you won't have to put up with input-lag and screen tearing.

## GENERAL

Model Name	Q27G40XMN
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G40
EAN	4038986182171

## DISPLAY INFORMATION

Screen size (inch)	27.0
Screen size (cm)	68.6
Flat / Curved	Flat
Panel resolution	2560x1440
Aspect ratio	16:9
Panel type	Fast VA
Backlight type	WLED
Max Refresh rate	180 Hz
Response time GtG	1 ms
Response time MPRT	0.5 ms
Static contrast ratio	5000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	SDR: 450 nits typical / HDR ON: 750nits typical / HDR peak: 1200nits typical

## VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	HDMI2.0 48-144Hz / DP1.4: 48-180Hz
Digital Signal Frequency Horizontal	HDMI2.0: 30-230khz / DP1.2: 30-255Khz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Low Blue Light
Colour space (sRGB) CIE 1976 %	127.8
Colour space (DCI-P3) CIE 1976 %	93.1
Flicker-Free	Flicker Free

## CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black, Grey
Cabinet finishing (backside)	Matt
Removable stand	Yes
Kensington Lock	Yes
Vesa wallmount	100x100

## ERGONOMICS

Tilt	-3° ±2° ~ 21° ±2°
Height adjust (mm)	130mm
Swivel	28° ±2° ~ 28° ±2°
Pivot	90° ±2° ~ 90° ±2°

## GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu
PS5 Compatibility	2560x1440@120Hz
Xbox X Compatibility	2560x1440@120Hz
Xbox S Compatibility	2560x1440@120Hz

## POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	32.0
Power consumption standby in watts	0.5
Power consumption off in watts	0.3

## CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 1
DisplayPort	DisplayPort 1.4 x 1
Audio Output	Headphone out (3.5mm)

## PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	613.9 x (386.0~516.0) x 207.7
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Product dimensions excl. base (WxHxD) mm	613.9 x 366.3 x 51.3
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Packaging dimensions (WxHxD) mm	822 x 481 x 162
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Gross weight incl. package (in kg)	8.15
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Net weight excl. package (in kg)	5.11
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Product without stand (kg)	3.24
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## WHAT'S IN THE BOX

HDMI cable	1x
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Displayport cable	1x
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Power Cable	Yes
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## OTHER INFORMATION

Warranty period	3 years
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### LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products, accessories, cable(s) supplied with the product may vary in type, quantity, and/or specifications in line with country- or region-specific requirements. Specifications are subject to change without notice. The above functionality may vary depending on the user's actual usage conditions. This product is sold with a limited manufacturer's warranty. Please refer to the warranty terms for coverage details. All Rights reserved.