

# UNLEASH YOUR POTENTIAL

POWERED BY  
**Q27G4Z**

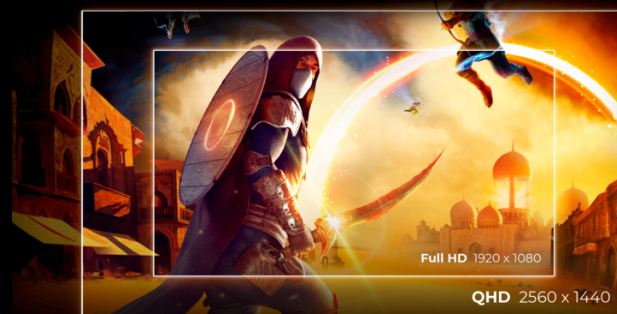


The Q27G4Z combines stunning QHD resolution with a blistering 260Hz refresh rate, overclockable to 260Hz, and a 1ms GtG response time on a Fast IPS panel for ultra-smooth, responsive gameplay. With HDR400, low input lag, and an eSports base design, every frame is crisp and fluid. Featuring an ergonomic stand, and G-Menu software for customization, this monitor is built to enhance both performance and comfort in every session.

- **QHD Resolution**
- **260Hz Refresh Rate**
- **1ms Response time GTG - Grey-to-Grey**
- **Fast IPS**
- **Vesa Certified DisplayHDR™ 400**
- **Adaptive sync**

## 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.



## 260HZ REFRESH RATE

260Hz completely unleashes top end GPUs, bringing unprecedented fluidity to the picture on your screen. With every detail brought sharply into focus and every movement shown with crystal clarity, feel your reactions become one with the action and elevate your game.

## 1MS RESPONSE TIME GTG - GREY-TO-GREY

GtG stands for Grey-To-Grey and represents how long it takes for one pixel to change between one gray level to the next. In gaming, every millisecond counts and can be the differentiator between hitting or missing a shot. Fast response time also eliminates ghosting and motion blur.



## FAST IPS

Unlock your gaming potential with Fast IPS panels offering rapid pixel response times of up to 1ms GtG. Say farewell to motion blur as you enjoy sharper images, enhancing precision targeting and boosting performance in high-speed games. Experience the advantages of fast IPS technology, including vibrant colors and wide viewing angles, for an immersive gaming experience and unleash your full potential.

## VESA CERTIFIED DISPLAYHDR™ 400

VESA Certified DisplayHDR™ 400 delivers a significant step up from regular SDR displays. Unlike other 'HDR compatible' screens, true DisplayHDR™ 400 produces astonishing brightness, contrast, and color peak brightness of up to 400 nits; images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

## 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.

## GENERAL

Model Name	Q27G4Z
Brand	AOC
Channel	Gaming
Product line	AOC Gaming
Design family	G4
EAN	4038986182973

## DISPLAY INFORMATION

Screen size (inch)	27.0
Screen size (cm)	68.5
Flat / Curved	Flat
Panel treatment	Antiglare (AG)
Pixels per Inch	108.8
Panel resolution	2560x1440
Aspect ratio	16:9
Panel type	Fast IPS
Backlight type	WLED
Max Refresh rate	260 Hz
Response time GtG	1 ms
Response time MPRT	0.3 ms
Static contrast ratio	1000:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	400 cd/m <sup>2</sup>

## VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	HDMI: 48~144Hz / DP: 48~260Hz
Digital Signal Frequency Horizontal	HDMI: 30k~230kHz / DP: 30k~400kHz
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400
Blue Light Technology	Anti Blue Light
Colour space (sRGB) CIE 1976 %	123.6
Colour space (DCI-P3) CIE 1976 %	95.2
Colour space (Adobe RGB) CIE 1976 %	91.4
Flicker-Free	Flicker Free

## CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black, Red
Cabinet finishing (backside)	Matt
Removable stand	Yes

## 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

## SUSTAINABILITY

TCO Certified	No
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
PVC/BFR free housing	Yes
Mercury free	Yes
Recycable packaging material	100 % recycable

## POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	30.0
Power consumption standby in watts	0.3
Power consumption off in watts	0.3

## CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 2
DisplayPort	DisplayPort 1.4 x 1
Audio Output	Headphone out (3.5mm)

## PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	613.9 x (386.1~516.1) x 207.7
Product dimensions excl. base (WxHxD) mm	613.9 x 366.31 x 51.28
Packaging dimensions (WxHxD) mm	820 x 481 x 162
Gross weight incl. package (in kg)	7.85
Net weight excl. package (in kg)	5.32
Product without stand (kg)	3.45

## WHAT'S IN THE BOX

HDMI cable	1x
Displayport cable	1x
Power Cable	Yes

## 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.