

AOC G4 Q27G42ZE, 68.6 cm (27"), 2560 x 1440 pixels, Quad HD, LCD, 1 ms, Black, Red

27" Fast IPS 2560 x 1440 (QHD) - 260Hz - 1300:1 - HDMI - DisplayPort - 35W - 100 - 240V - 1.5A - 50 / 60Hz

Group	Flat Screens
Manufacturer	AOC
Manufacturer item no.	Q27G42ZE
EAN/UPC	4038986182980



Description

Only for the true valiant! Q27G42ZE is a 27 inch gaming monitor made with Fast IPS panel, equipped with Adaptive Sync technology, guaranteeing you 0.3ms MPRT response times and 260Hz refresh rate. The HDR10 feature and Game Color technology captivate visual quality, raise your gaming performance to the next level!

Superior high quality viewing

Quad HD (2560 x 1440) resolution allows you to view more an incredible amount of detail, resulting in visuals that are crisp and vivid. Whether editing photos, videos, or watching movies, Quad HD gives you clarity and quality.

Enjoy top-tier gaming performance

With a 260Hz refresh rate , your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.

Instant response times

A pixel response time of 0.3ms MPRT means speed without the smear for an enhanced gaming experience. Fast-moving action and dramatic transitions will be rendered smoothly without the annoying effects of ghosting. Choose the right path to gaming success, and never let a slow display stop you.

Rule the Competition with Fast IPS

Fast IPS annihilates the competition with a speed 4x faster than conventional IPS. Guaranteeing you true 1ms (GTG) response times and captivating visual quality, raise your gaming performance to the next level!

A universally respected anti-tearing solution

Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

Illuminate your visuals

Enjoy an immersive visual experience with HDR 10, the industry-standard high dynamic range for delivering a rich palette of colors, brightness, and contrast that far exceeds the capabilities of ordinary monitors, engaging your senses and creatively inspiring you.

Connecting your eyes with your hands

Unleash your reflexes by switching to AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favor of raw response time, giving you the ultimate edge in a hair-trigger standoff.

Optimize your game settings

Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, Gamer3 and Off.

Experience more immersive and vivid gameplay

With AOC Game Color, you can adjust color saturation and grey levels across multiple levels of detail for a better game experience. Delight in more vivid MMORPG scenes, more intense FPS action, and better MOBA character details.

Protect your eyes from screen flicker

Flicker-free technology reduces flicker to give you a more comfortable gaming experience. Normal LED-backlit monitors adjust brightness using PWM (Pulse Width Modulation) which causes flickering and results in eye discomfort over long periods of time. AOC flicker-free technology uses a DC (Direct Current) backlight system to provide a more comfortable and healthier viewing experience, minimizing the effects of eye fatigue during work hours.

Connectable with other devices

This AOC monitor provides convenient connectivity options, with both HDMI and DisplayPort support to suit both professionals and home users. HDMI represents the leading digital video, audio, and data interface for high speed connections between ultra high-definition displays and a wide range of consumer electronics, including providing support for modern gaming consoles and PCs. DisplayPort allows for a range of devices to quickly and easily connect to your screen, delivering higher resolution, faster refresh rate and video transmissions free from input lag.

Main features

	General
Display diagonal	68.6 cm
Display resolution	2560 x 1440 pixels
HD type	Quad HD
Display technology	LCD
Response time	1 ms
Native aspect ratio	16:9
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
VESA mounting	Yes
Product colour	Black, Red

Extended details

	Display
Display diagonal	68.6 cm
Display resolution	2560 x 1440 pixels
Native aspect ratio	16:9
Display technology	LCD
Touchscreen	No
HD type	Quad HD
Panel type	Fast IPS
LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	300 cd/m²
Response time	1 ms

Response time measurement type	GTG (Gray to Gray)
Response time (MPRT)	0.3 ms
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	1000:1
Contrast ratio (dynamic)	800000000:1
Maximum refresh rate	260 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	16.7 million colours
Pixel pitch	0.233 x 0.233 mm
Pixel density	108.79 ppi
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 400 kHz
Digital vertical frequency	48 - 260 Hz
Display diagonal (metric)	68.6 cm
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
Colour gamut standard	DCI-P3, NTSC, sRGB
sRGB coverage (typical)	123.6 %
Adobe RGB coverage	91.4 %
DCI-P3 coverage	95.2 %
	Performance
NVIDIA G-SYNC	No
AMD FreeSync	No
VESA Adaptive Sync support	Yes
Flicker-free technology	Yes
Low Blue Light technology	Yes
	Ports & interfaces
Built-in USB hub	No
HDMI	Yes
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4

Headphone out	Yes
Headphone outputs	1
Headphone connectivity	3.5 mm
HDCP	Yes
HDCP version	1.4/2.2
Design	
Market positioning	Gaming
Product colour	Black, Red
Frameless design	Yes
Front bezel colour	Black
Detachable stand	Yes
Feet colour	Black
Multimedia	
Built-in speaker(s)	No
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	No
Tilt adjustment	Yes
Tilt angle range	-3 - 21 °
On Screen Display (OSD)	Yes
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Croatian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Ukrainian
Number of OSD languages	19
Other features	
Brand specific technologies	Crosshair
Low input lag	Yes
FPS counter	Yes
Dial point	Yes
Shadow control	Yes
Motion blur reduction	Yes
Local dimming	Yes
Bezel thickness type	Frameless
Warranty period	3 year(s)
Compliance certificates	CE

Certification	WEEE,REACH compliant,RoHs compliant,CB,TUV-Bauart-Mark,ISO 9241-307,EAC,FCC
Packaging content	
Stand included	Yes
Cables included	AC, HDMI, DisplayPort
DisplayPort cable length	1.8 m
HDMI cable length	1.8 m
Weight & dimensions	
Width (with stand)	613.9 mm
Depth (with stand)	197.6 mm
Height (with stand)	449.7 mm
Weight (with stand)	3.84 kg
Width (without stand)	613.9 mm
Depth (without stand)	52.7 mm
Height (without stand)	366.3 mm
Weight (without stand)	3.45 kg
Packaging data	
Package width	690 mm
Package depth	124 mm
Package height	480 mm
Package weight	6.1 kg
Package type	Box
Power	
Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	25 kWh
Energy consumption (HDR) per 1000 hours	40 kWh
Power consumption (typical)	35 W
Power consumption (standby)	0.3 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal
Sustainability	
Doesn't contain	Mercury, PVC/BFR