

AGON
BY AOC

ONLY FOR THE TRUE
VALIANT

POWERED BY
Q27G42XEP



The Q27G42XE features a 27" QHD Fast IPS panel, 180Hz refresh rate, and 1ms GtG response time for crisp and smooth visuals. With HDR10, G-Sync compatible, and low input lag, it ensures reliable performance. A battle-station-ready design, recyclable packaging, and G-Menu software make this monitor a practical and eco-friendly addition to any gaming setup.

- **QHD Resolution**
- **180Hz Refresh Rate**
- **Fast IPS**
- **1ms Response time GTG - Grey-to-Grey**
- **G-SYNC Compatible**
- **Low Input Lag**

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.



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.



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.



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.

G-SYNC COMPATIBLE

Enable flawless picture quality by synchronising new generations of NVIDIA graphics cards* with this G-SYNC Compatible monitor. *Please refer to NVIDIA website for the complete list of GPUs working with G-SYNC Compatible monitors



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.

GENERAL		VIDEO FEATURES		GAMING FEATURES	
Model Name	Q27G42XEP	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
Brand	AOC	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Channel	Gaming	Digital Signal Frequency Vertical	DP1.4: 48-180Hz / HDMI2.0: 48-144Hz	Gaming convenience	G-menu
Product line	AOC Gaming	Digital Signal Frequency Horizontal	DP1.4: 30-270KHz / HDMI2.0: 30-230KHz	PS5 Compatibility	2560x1440@120Hz
Design family	G42	HDR (High Dynamic Range)	HDR 10	Xbox X Compatibility	2560x1440@120Hz
Launch date (ETA)	8/1/2026	Blue Light Technology	Low Blue Light	Xbox S Compatibility	2560x1440@120Hz
EAN	4038986642606	Colour space (sRGB) CIE 1931 %	120,0	SUSTAINABILITY	
DISPLAY INFORMATION		Colour space (DCI-P3) CIE 1976 %	92,9	TCO Certified	No
Screen size (inch)	27,0	Colour space (Adobe RGB) CIE 1976 %	89,9	WEEE	Yes
Screen size (cm)	68,6	Flicker-Free	Flicker Free	REACH compliant	Yes
Flat / Curved	Flat	CABINET INFORMATION		RoHs compliant	Yes
Display hardness	3H	Bezel Colour (front)	Black	PVC/BFR free housing	Yes
Panel treatment	Antiglare (AG)	Cabinet colour (backside)	Black, Red	Mercury free	Yes
Pixel Pitch (mm)	0,2745	Cabinet finishing (backside)	Matt	Recycable packaging material	100 % recycable
Pixels per Inch	108,0	Removable stand	Yes	Carton material	Paper
Panel resolution	2560x1440	Speaker power	2 W x 2	POWER CONSUMPTION	
Aspect ratio	16:9	Kensington Lock	Yes	Power supply	Internal
Panel type	Fast IPS	Vesa wallmount	100x100	Power consumption on (typical) in watts	27,0
Backlight type	WLED	ERGONOMICS		Power consumption standby in watts	0,5
Max Refresh rate	180 Hz	Tilt	-3° ±2° ~ 21° ±2°	Power consumption off in watts	0,3
Response time GtG	1 ms			Energy class	E
Response time MPRT	0.5 ms				
Static contrast ratio	1000:1				
Dynamic contrast ratio	80M:1				
Viewing angle (CR10)	178/178				
Display colours	16.7M (8bits)				
Brightness in nits	300 cd/m²				
Local Dimming Zones	Global Dimming				

REGULATORY COMPLIANCE

CB	Yes
CE	Yes
TUV-Bauart-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
FCC	Yes
UKCA	Yes

CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 2
Digital HDCP (HDMI version)	HDCP 1.4/2.2
DisplayPort	DisplayPort 1.4 x 1
Audio Output	Headphone out (3.5mm)
DP HDCP version	HDCP 1.4/2.2

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	613.9 x 449.7 x 197.6
Product dimensions excl. base (WxHxD) mm	613.9 x 366.3 x 51
Packaging dimensions (WxHxD) mm	690 x 454 x 126
Gross weight incl. package (in kg)	6,15
Net weight excl. package (in kg)	3,88
Product without stand (kg)	3,49

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.