

AGON
BY AOC

ONLY FOR THE TRUE
VALIANT

POWERED BY
Q27G42XE



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	Q27G42XE	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
EAN	4038986642606	Blue Light Technology	Low Blue Light	Xbox S Compatibility	2560x1440@120Hz
DISPLAY INFORMATION		SUSTAINABILITY			
Screen size (inch)	27,0	Colour space (sRGB) CIE 1931 %	120,0	TCO Certified	No
Screen size (cm)	68,6	Colour space (DCI-P3) CIE 1976 %	92,9	WEEE	Yes
Flat / Curved	Flat	Colour space (Adobe RGB) CIE 1976 %	89,9	REACH compliant	Yes
Display hardness	3H	Flicker-Free	Flicker Free	RoHs compliant	Yes
Panel treatment	Antiglare (AG)	CABINET INFORMATION		PVC/BFR free housing	Yes
Pixel Pitch (mm)	0,2745	Bezel Colour (front)	Black	Mercury free	Yes
Pixels per Inch	108,0	Cabinet colour (backside)	Black, Red	Recycable packaging material	100 % recycable
Panel resolution	2560x1440	Cabinet finishing (backside)	Matt	Carton material	Paper
Aspect ratio	16:9	Removable stand	Yes	POWER CONSUMPTION	
Panel type	Fast IPS	Speaker power	2 W x 2	Power supply	Internal
Backlight type	WLED	Kensington Lock	Yes	Power consumption on (typical) in watts	27,0
Max Refresh rate	180 Hz	Vesa wallmount	100x100	Power consumption standby in watts	0,5
Response time GtG	1 ms	ERGONOMICS		Power consumption off in watts	0,3
Response time MPRT	0.5 ms	Tilt	-3° ±2° ~ 21° ±2°	Energy class	E
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		OTHER INFORMATION	
CB	Yes	Warranty period	3 years
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 (METRIC)	
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
Product with stand (kg)	3,88
Product without stand (kg)	3,49

WHAT'S IN THE BOX	
HDMI cable	1.8
Displayport cable	1.8
Power Cable	Yes