AGON
BY AOC

ONLY FOR THE TRUE VALIANT

POWERED BY

Q27G42ZE

27" AOC GAMING

QHD QUAD HD | 240Hz (260Hz OC) | FAST IPS | 1ms GTG | NVIDIA G-SYNC | HDR10 | LOW INPUT LAG

The Q27G42ZE delivers lightning-fast 240Hz refresh rates (260Hz OC), 1ms GtG, and low input lag for ultra-responsive gameplay. The Fast IPS panel provides sharp visuals, while AdaptiveSync and HDR10 enhance clarity and fluidity. Built for eSports, its stable base ensures a solid setup for intense matches.

- **QHD Resolution**
- **240Hz Refresh Rate**
- **Fast IPS**
- **1ms Response time GTG - Grey-to-Grey**
- **Adaptive sync**
- **Live the game at its best with HDR10**

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.

Full HD 1920 x 1080

QHD 2560 x 1440
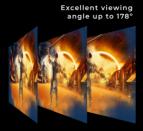

240HZ REFRESH RATE

60Hz / 240Hz

240Hz 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.

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.

Excellent viewing angle up to 178°

out Fast VA

FAST IPS

4MS

1MS

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.

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.

ADAPTIVE SYNC

ADAPTIVE SYNC

without Adaptive Sync

HDR10

WITHOUT HDR

LIVE THE GAME AT ITS BEST WITH HDR10

HDR10 is here to enhance picture quality even further, improving the synchronization of your GPU or your console with the monitor. This creates a more realistic, immersive, and smooth gaming experience: You'll feel like stepping in the game, frame by frame.

GENERAL

Model Name	Q27G42ZE
Brand	AOC
Channel	B2C, Gaming
Product line	AOC Gaming
Design family	G4
EAN	4038986182980

DISPLAY INFORMATION

Screen size (inch)	27,0
Screen size (cm)	68,6
Flat / Curved	Flat
Panel treatment	Antiglare (AG)
Pixels per Inch	108,79
Panel resolution	2560x1440
Aspect ratio	16:9
Panel type	Fast IPS
Backlight type	WLED
Max Refresh rate	240Hz (260Hz Overclocked)
Response time GtG	1 ms
Response time MPRT	0.3 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	16.7 Million
Brightness in nits	300 cd/m2

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	HDMI2.0: 48~144Hz / DP1.4: 48~260Hz
Digital Signal Frequency Horizontal	HDMI2.0: 30k~230kHz / DP1.4: 30k~400kHz
HDR (High Dynamic Range)	HDR 10
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
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMICS

Tilt	-3° ±2° ~ 21° ±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
Recyclable packaging material	100 % recyclable

POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	35,0
Power consumption standby in watts	0,3
Power consumption off in watts	0,3
Energy class	F

CONNECTIVITY INFORMATION

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

PRODUCT DIMENSIONS (METRIC)

Product dimensions incl. base (WxHxD) mm	613.9 x 449.7 × 197.6
Product dimensions excl. base (WxHxD) mm	613.9 x 366.3 × 52.7
Packaging dimensions (WxHxD) mm	690 x 480 x 124
Gross weight incl. package (in kg)	6,1
Product with stand (kg)	3,84
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