

AGON
BY AOC

UNLEASH YOUR POTENTIAL

POWERED BY
27G4HRE



The 27G4HRE delivers ultra-smooth performance with a 200Hz refresh rate and 1ms GtG response time on a Fast IPS panel, ensuring crisp and fluid visuals. With 0.5ms MPRT, low input lag, and G-Sync compatibility, every frame is razor-sharp and tear-free. HDR10 and a wide color gamut provide stunning contrast and vibrant colors for an immersive experience.

- **200Hz Refresh Rate**
- **Fast IPS**
- **G-SYNC Compatible**
- **Low Input Lag**
- **WIDE COLOR GAMUT**
- **Live the game at its best with HDR10**

200HZ REFRESH RATE

A 200Hz refresh rate is more than triple the industry standard of 60Hz. Unleash the full potential of your graphics card: with screen tearing and motion blur and stuttering all eradicated, your game will finally flow like it was meant to, and your skills can reach new heights.



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.



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



WIDE COLOR GAMUT

When you are enjoying photos, videos or games, we want your screen content to look as lifelike as possible. That is why this display comes with Wide Colour Gamut technology, which means that it is able to display a lot more colours than conventional monitors. This is achieved through a special hardware solution, not through mere software adjustments. The result: true-to-life images with fine details that become visible thanks to the broader colour palette.



Without HDR

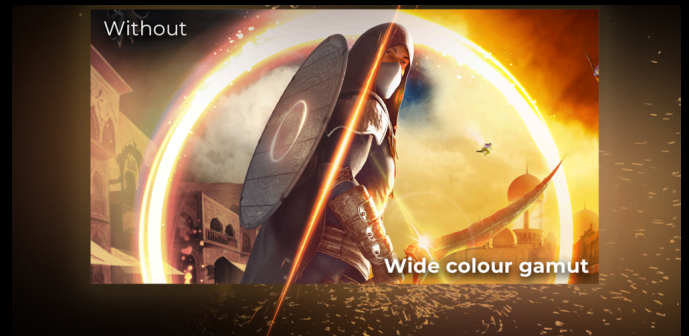


HDR10



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.



Without

Wide colour gamut

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		VIDEO FEATURES		GAMING FEATURES	
Model Name	27G4HRE	Sync technology (VRR)	Adaptive Sync	Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), 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	48-200Hz	Gaming convenience	G-menu
Product line	AOC Gaming	Digital Signal Frequency Horizontal	30-230KHz	PS5 Compatibility	1920x1080@120Hz
Design family	G4	HDR (High Dynamic Range)	HDR 10	Xbox X Compatibility	1920x1080@120Hz
Launch date (ETA)	6/1/2025	Blue Light Technology	Low Blue Light	Xbox S Compatibility	1920x1080@120Hz
EAN	4038986183000	Colour space (sRGB) CIE 1976 %	115,4	SUSTAINABILITY	
DISPLAY INFORMATION		Colour space (DCI-P3) CIE 1976 %	91,9	TCO Certified	No
Screen size (inch)	27,0	Colour space (Adobe RGB) CIE 1976 %	90,5	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
Pixels per Inch	81,59	Cabinet finishing (backside)	Matt	Recycable packaging material	100 % recycable
Panel resolution	1920x1080	Removable stand	Yes	POWER CONSUMPTION	
Aspect ratio	16:9	Speaker power	2 W x 2	Power supply	Internal
Panel type	Fast IPS	Kensington Lock	Yes	Power consumption on (typical) in watts	23,0
Backlight type	WLED	Vesa wallmount	100x100	Power consumption standby in watts	0,3
Max Refresh rate	200 Hz	ERGONOMICS		Power consumption off in watts	0,3
Response time GtG	1 ms	Tilt	-3.5° ±1.5° ~ 21.5° ±1.5°	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	16.7 Million				
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
DisplayPort	DisplayPort 1.4 x 1
Audio Output	Headphone out (3.5mm)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	613.7 x 460.7 x 177.4
Product dimensions excl. base (WxHxD) mm	613.7 x 336.4 x 53.7
Packaging dimensions (WxHxD) mm	690 x 420 x 141
Gross weight incl. package (in kg)	6,81
Net weight excl. package (in kg)	4,14
Product without stand (kg)	3,36

WHAT'S IN THE BOX

HDMI cable	1.8
Displayport cable	1.8
Power Cable	Yes

OTHER INFORMATION

Warranty period	3 years
-----------------	---------

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.