

UNLEASH YOUR POTENTIAL

POWERED BY
24G4HRE



The 24G4HRE 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**
- **1ms Response time GTG - Grey-to-Grey**
- **G-SYNC Compatible**
- **Low Input Lag**
- **WIDE COLOR GAMUT**

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.



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.



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.



GENERAL		VIDEO FEATURES		GAMING FEATURES	
Model Name	24G4HRE	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
EAN	4038986142991	Blue Light Technology	Low Blue Light	Xbox S Compatibility	1920x1080@120Hz
DISPLAY INFORMATION		SUSTAINABILITY		POWER CONSUMPTION	
Screen size (inch)	23,8	Colour space (sRGB) CIE 1976 %	120,4	TCO Certified	No
Screen size (cm)	60,5	Colour space (DCI-P3) CIE 1976 %	94,1	WEEE	Yes
Flat / Curved	Flat	Colour space (Adobe RGB) CIE 1976 %	89,9	REACH compliant	Yes
Panel treatment	Antiglare (AG)	Flicker-Free	Flicker Free	RoHs compliant	Yes
Pixel Pitch (mm)	0,2745	CABINET INFORMATION		PVC/BFR free housing	Yes
Pixels per Inch	92,56	Bezel Colour (front)	Black	Mercury free	Yes
Panel resolution	1920x1080	Cabinet colour (backside)	Black, Red	Recycable packaging material	100 % recycable
Aspect ratio	16:9	Cabinet finishing (backside)	Matt	POWER CONSUMPTION	
Panel type	Fast IPS	Removable stand	Yes	Power supply	Internal
Backlight type	WLED	Speaker power	2 W x 2	Power consumption on (typical) in watts	19,0
Max Refresh rate	200 Hz	Kensington Lock	Yes	Power consumption standby in watts	0,3
Response time GtG	1 ms	Vesa wallmount	100x100	Power consumption off in watts	0,3
Response time MPRT	0.5 ms	ERGONOMICS		Energy class	E
Static contrast ratio	1000:1	Tilt	-3.5° ±1.5° ~ 21.5° ±1.5°		
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

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	540 x 434.5 x 177.39
Product dimensions excl. base (WxHxD) mm	540 x 324.84 x 50.62
Packaging dimensions (WxHxD) mm	610 x 395 x 126
Gross weight incl. package (in kg)	5,63
Net weight excl. package (in kg)	3,43
Product without stand (kg)	2,64

WHAT'S IN THE BOX

HDMI cable	1.8
Displayport cable	1.8
Power Cable	Yes

OTHER INFORMATION

Warranty period	3 years
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