

AOC G4 24G42E, 60.5 cm (23.8"), 1920 x 1080 pixels, Full HD, LCD, 1 ms, Black

Screen size (inch) 23.8 - Panel resolution 1920x1080 - Max Refresh rate 180 Hz - Response time MPRT 0.5 ms - Panel type Fast IPS - HDMI HDMI 2.0 x 1 - DisplayPort DisplayPort 1.4 x 1 - Sync technology (VRR) Adaptive Sync

Group	Flat Screens
Manufacturer	AOC
Manufacturer item no.	24G42E
EAN/UPC	4038986642583



Description

Dominate with the 24G42E 23.8" Full HD Fast IPS Monitor, 1920x1080 resolution, HDR10 support, blazing 180Hz refresh rate, and ultra-responsive 1ms GtG time.

Embark on your gaming journey with the 24G42E 23.8" Full HD monitor, offering crisp 1920x1080 resolution and a fluid 180Hz refresh rate for superior smoothness in every game. Its Fast IPS panel delivers a lightning-fast 1ms GtG response time, ensuring precise and responsive visuals. Equipped with AdaptiveSync, low input lag, and HDR10 support, this monitor enhances both performance and image quality. The ergonomic tilt stand provides comfort during long sessions, while features like MBR MPRT 0.5ms and G-Menu customization elevate your gaming experience to the next level.

Extended details

	Display
Display diagonal	60.5 cm
Display resolution	1920 x 1080 pixels
Native aspect ratio	16:9
Display technology	LCD
Touchscreen	No
HD type	Full HD
Panel type	Fast IPS
LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	300 cd/m²
Response time	1 ms
Response time measurement type	GTG (Gray to Gray)
Response time (MPRT)	0.5 ms
Anti-glare screen	Yes
Screen shape	Flat
Contrast ratio (typical)	1000:1

Contrast ratio (dynamic)	80000000:1
Maximum refresh rate	180 Hz
Viewing angle, horizontal	178 °
Viewing angle, vertical	178 °
Display number of colours	16.7 million colours
Pixel pitch	0.275 x 0.275 mm
Pixel density	92.56 ppi
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 200 kHz
Digital vertical frequency	48 - 180 Hz
Display diagonal (metric)	60.5 cm
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	Yes
Colour gamut standard	Adobe RGB, DCI-P3, sRGB
sRGB coverage (typical)	129.3 %
Adobe RGB coverage	91.5 %
DCI-P3 coverage	93.9 %
Ports & interfaces	
Built-in USB hub	No
HDMI	Yes
HDMI ports quantity	1
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out	Yes
Headphone outputs	1
Headphone connectivity	3.5 mm
HDCP	Yes
HDCP version	2.2
Design	
Market positioning	Gaming
Product colour	Black
Frameless design	Yes
Front bezel colour	Black
Detachable stand	Yes

	Multimedia
Built-in speaker(s)	No
Built-in camera	No
	Ergonomics
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	No
Tilt adjustment	Yes
Tilt angle range	-3 - 21 °
On Screen Display (OSD)	Yes
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Croatian, Polish, Portuguese, Russian, Spanish, Swedish, Turkish, Ukrainian
Number of OSD languages	19
Plug and Play	Yes
LED indicators	Yes
	Performance
AMD FreeSync refresh rate range	48 - 180 Hz
VESA Adaptive Sync support	Yes
Flicker-free technology	Yes
Low Blue Light technology	Yes
Game mode	Yes
	Other features
Brand specific technologies	Crosshair
Low input lag	Yes
FPS counter	Yes
Dial point	Yes
Shadow control	Yes
Motion blur reduction	Yes
Bezel thickness type	Frameless
Warranty period	3 year(s)
Compliance certificates	CE
Certification	WEEE, REACH compliant, RoHs compliant, CB, TUV-Bauart-Mark, ISO 9241-307, EAC, FCC
	Packaging content
Stand included	Yes
Cables included	AC, HDMI, DisplayPort
HDMI cable length	1.8 m

Weight & dimensions	
Width (with stand)	540 mm
Depth (with stand)	193.9 mm
Height (with stand)	424.3 mm
Weight (with stand)	3 kg
Width (without stand)	540 mm
Depth (without stand)	50.6 mm
Height (without stand)	325 mm
Weight (without stand)	2.62 kg
Packaging data	
Package width	610 mm
Package depth	395 mm
Package height	126 mm
Package weight	5.61 kg
Power	
Energy efficiency class (SDR)	E
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	18 kWh
Energy consumption (HDR) per 1000 hours	22 kWh
Power consumption (typical)	19 W
Power consumption (standby)	0.3 W
Power consumption (max)	29 W
Power consumption (off)	0.3 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	1.5 A
Power supply type	Internal
Energy efficiency scale	A to G
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-25 - 55 °C
Operating relative humidity (H-H)	10 - 85 %
Storage relative humidity (H-H)	5 - 93 %
Operating altitude	0 - 5000 m
Non-operating altitude	0 - 12192 m
Sustainability	

Doesn't contain

Mercury, PVC/BFR