

## AOC Gaming C24G42E (C24G42E)

AOC Gaming C24G42E - LED monitor - gaming - curved - 24" (23.6" viewable) - 1920 x 1080 Full HD (1080p) @ 180 Hz - Fast VA - 250 cd/m<sup>2</sup> - 3000:1 - HDR10 - 0.5 ms - 2xHDMI, DisplayPort - speakers - black, red



The AOC Gaming C24G42E monitor combines robust design with performance, creating an immersive experience for serious gamers. With a 24-inch diagonal size and a native resolution of 1920 x 1080, this monitor delivers Full HD visuals. The Fast VA technology provides vibrant colors with an image brightness of 250 cd/m<sup>2</sup> and a contrast ratio of 3000:1, enhancing the viewing experience. Featuring a rapid response time of 0.5 ms and refresh rates up to 180 Hz, this monitor ensures smooth gameplay with minimal motion blur. The adaptive-sync technology supports crisp graphics during fast-paced action, while multiple gaming modes, including FPS and RTS modes, offer tailored experiences to suit various gaming styles. Enhanced by a curved screen with a 1500R curvature, the C24G42E is designed to envelop the viewer in the action for an engaging experience.

## Key Selling Points

- 24-inch Full HD display with 1920 x 1080 resolution
- Color accuracy with 117% sRGB color gamut
- 180 Hz refresh rate and 0.5 ms response time for smooth gameplay
- Curved screen with 1500R curvature for immersive viewing
- Multiple gaming modes to enhance gameplay

## Product Features

### Visual clarity

The 24-inch display offers a resolution of 1920 x 1080, providing Full HD clarity for an immersive gaming experience, bringing every detail to life.

### Fast response time

With a response time of 0.5 ms, the monitor reduces ghosting and blurring, ensuring fast-paced action appears seamless and smooth.

### Adaptive-sync technology

This feature synchronizes the display's refresh rate with the graphics card, eliminating tearing and stuttering for a fluid gaming experience.

### Color accuracy

The monitor supports a color gamut of 117% sRGB and 88.8% DCI-P3, offering vibrant colors and precise color reproduction for a visually appealing experience.

### Multiple gaming modes

Various settings including FPS and RTS modes are available to optimize display settings to suit different gaming genres, enhancing performance and enjoyment.

## Main Specifications

Product Description	AOC Gaming C24G42E - LED monitor - curved - Full HD (1080p) - 24" - HDR
Device Type	LED-backlit LCD monitor - 24"
Energy Label QR Code URL	<a href="https://eprel.ec.europa.eu/qr/2207602">https://eprel.ec.europa.eu/qr/2207602</a>
Energy Class	Class E
Curved Screen	Yes
Adaptive-Sync Technology	VESA Adaptive-Sync
Panel Type	Fast VA
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 180 Hz
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	3000:1
HDR Capable	HDR10
Response Time	1 ms (grey-to-grey), 0.5 ms (MPRT)
Gaming	Yes
Colour Support	16.7 million colours
Colour Gamut	117% sRGB (CIE 1931), 88.8% DCI-P3 (CIE 1976)
Input Connectors	2xHDMI, DisplayPort
Display Position Adjustments	Tilt
Screen Coating	Anti-glare

Colour	Black, red
Dimensions (WxDxH) - with stand	53.67 cm x 19.39 cm x 42.26 cm
Manufacturer Warranty	3-year warranty

## Extended Specification

### General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Label QR Code URL	<a href="https://eprel.ec.europa.eu/qr/2207602">https://eprel.ec.europa.eu/qr/2207602</a>
Energy Class	Class E
Energy Class (HDR)	Class G
Diagonal Size	24"
Viewable Size	23.6"
Curved Screen	Yes (1500R)
Adaptive-Sync Technology	VESA Adaptive-Sync
Panel Type	Fast VA
Aspect Ratio	16:9
Native Resolution	Full HD (1080p) 1920 x 1080 at 180 Hz
Pixel Per Inch	93.3
Brightness	250 cd/m <sup>2</sup>
Contrast Ratio	3000:1
HDR Format	HDR10
Colour Support	16.7 million colours
Colour Gamut	117% sRGB (CIE 1931), 88.8% DCI-P3 (CIE 1976)
Response Time	1 ms (grey-to-grey), 0.5 ms (MPRT)
Vertical Refresh Rate	48 - 180 Hz
Horizontal Refresh Rate	30 - 200 kHz
Gaming	Yes
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare
Backlight Technology	WLED
OSD Languages	Czech, Croatian, Chinese (traditional), Chinese (simplified), Ukrainian, English, German, French, Italian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Turkish, Japanese, Korean
Features	Game mode, FPS Mode, Flicker Free technology, Crosshair Display, RTS Mode, Motion Blur Reduction, AOC Low Input Lag mode, Racing Mode, AOC Game Color, Low Blue Light technology, Dial Point, 3-sided frameless, Shadow control, frame counter, gaming console support
Colour	Black, red
Dimensions (WxDxH)	53.67 cm x 19.39 cm x 42.26 cm - with stand

### Manufacturer Warranty

Service & Support	Limited warranty - 3 years
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### Miscellaneous

Features	Security lock slot (cable lock sold separately), detachable stand
Cables Included	1 x HDMI cable   1 x DisplayPort cable
Security Slot Type	Kensington security slot

### Power

Power Consumption SDR (On mode)	17 kWh/1000h
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Power Consumption HDR (On mode)	24 kWh/1000h
Power Consumption (Typical)	20 Watt
Power Consumption Stand by	0.3 Watt
Power Consumption (Off Mode)	0.3 Watt

## Software / System Requirements

Included Software	AOC G-Menu
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## Audio

Type	Speakers - stereo
Output Power / Channel	2 Watt

## Connectivity

Interfaces	2 x HDMI   DisplayPort 1.4   Headphones (mini-jack)
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## Dimensions & Weight

Dimensions & Weight Details	With stand - width: 53.67 cm - depth: 19.39 cm - height: 42.26 cm   Without stand - width: 53.67 cm - depth: 7.08 cm - height: 32.26 cm - weight: 2.82 kg
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## Dimensions & Weight (Shipping)

Shipping Width	65 cm
Shipping Depth	15.9 cm
Shipping Height	41.5 cm
Shipping Weight	5.56 kg

## Mechanical

Display Position Adjustments	Tilt
Tilt Angle	-3/+21
VESA Mounting Interface	100 x 100 mm

## What's in the box

AOC Gaming C24G42E  
HDMI cable  
DisplayPort cable  
Software

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