ComX Computers
Product Specification Sheet

AOC-C32G42ZE

AOC G4 32" Full HD Curved Gaming Monitor

Product Overview

AOC G4 Curved Gaming Monitor - 32" Monitor Size, 80cm Display Diagonal, 1920 x 1080 Pixel at 260Hz Refresh Rate, Full HD Type, WLED Backlight Technology, VA Panel, 16:9 Native Aspect Ratio, 300 cd/m2 Brightness, 3500:1 Contrast Ratio, HDR 10, 100 x 100mm VESA Mounting, Tilt Stand Adjustment, HDMI 2.0 and Display Port 1.4 Ports, Retail Box











Specifications

About this product

The AOC C32G42ZE G4 Curved Gaming Monitor delivers a large 31.5 inch Full HD display, 1500R VA curvature, 240Hz native refresh rate with support for up to 260Hz overclocked refresh, Adaptive Sync, HDR10 and fast response performance for smooth gaming. With HDMI 2.0, DisplayPort 1.4 and VESA 100 x 100 mounting, it is designed for immersive PC gaming and high frame rate gameplay. Buy now from our website and enjoy a high refresh rate AOC gaming monitor for your setup.

Overview Summary

AOC C32G42ZE G4 31.5 inch Curved Gaming Monitor

The AOC C32G42ZE combines a 31.5 inch Full HD VA panel with a 1500R curved design for an immersive gaming display. The 1920 x 1080 resolution is paired with a 240Hz native refresh rate and up to 260Hz overclocked refresh rate, providing smooth motion for fast paced games. AOC specifies a 4ms GtG response time and 0.3ms MPRT response time, while Adaptive Sync helps reduce visible tearing and stuttering during gameplay.

The monitor provides 300 cd/m2 brightness, a 3500:1 static contrast ratio, 178 x 178 degree viewing angles, WLED backlighting and HDR10 support. Connectivity includes 1 x HDMI 2.0, 1 x DisplayPort 1.4 and an audio output, while VESA 100 x 100 mounting provides compatibility with suitable monitor arms and wall mounts.

Performance tier: High refresh rate gaming

Uses:PC gaming, competitive gaming, first person shooters, racing games, esports, general entertainment, home gaming setups

Overview

The AOC Curved competitive gaming on a 31.5-inch curved VA monitor with a rapid 260Hz refresh rate, 0.3ms MPRT response time, 3500:1 contrast ratio, and wide 178degrees viewing angles. Experience vibrant, detailed visuals with 300 cd/m² brightness, 118% sRGB coverage, 93% NTSC, and 85% DCI-P3 color gamut support. Flicker-Free technology helps reduce eye fatigue during extended sessions, while HDMI 2.0, DisplayPort, tilt adjustment, and 100 x 100mm VESA mounting provide flexible connectivity and setup options.

Quick Specifications:

- Screen size: 31.5 inches
- Flat or curve: Curved 1500R
- Panel type: VA
- Aspect ratio: 16:9
- Resolution: 1920 x 1080 pixels
- Refresh rate: 260 Hz overclocked, 240 Hz native
- Brightness (nits): 300 nits
- Contrast ratio: 3500:1 static
- View angle (degrees): 178 x 178 degrees
- Response time (ms): 4 ms GtG, 0.3 ms MPRT
- Frequency (Hz): 260 Hz maximum
- Sync: Adaptive Sync
- Video ports: 1 x HDMI 2.0, 1 x DisplayPort 1.4
- VESA: 100 x 100 mm
- Monitor performance tier: High refresh rate gaming

- Uses: PC gaming, competitive gaming, esports, racing games, first person shooters, entertainment

Strong reasons to buy

- High refresh rate gaming: The monitor provides a 240Hz native refresh rate and supports up to 260Hz through overclocking for smooth high frame rate gameplay.
- Immersive curved display: The 1500R curved VA panel places the display around the viewer for an immersive gaming experience.
- Fast response performance: AOC specifies 4ms GtG and 0.3ms MPRT response performance for fast moving gaming content.
- Adaptive Sync: Adaptive Sync helps align the monitor refresh rate with compatible GPU frame output to reduce tearing and stuttering.
- Strong VA contrast: The 3500:1 static contrast ratio supports deeper black levels and strong contrast in games and entertainment.
- HDR10 support: HDR10 compatibility can enhance supported content with a wider range between darker and brighter image areas.
- Flexible mounting: VESA 100 x 100 mounting supports compatible monitor arms and wall mounting solutions.

Description

The AOC C32G42ZE is a 31.5 inch G4 Series curved gaming monitor designed around smooth high refresh rate gameplay and an immersive viewing experience. Its 1500R curved VA panel wraps the display around the viewer while maintaining a 16:9 Full HD format with a 1920 x 1080 resolution. The large screen size provides an expansive gaming area suitable for desktop gaming, racing games, first person shooters and general entertainment.

For fast gameplay, the C32G42ZE provides a 240Hz native refresh rate and supports up to 260Hz through overclocking. AOC notes that the 260Hz mode is achieved through overclocking and recommends returning to 240Hz if display errors occur while using the overclocked setting. This gives users the choice of using the native refresh rate or enabling the higher maximum refresh rate where supported.

The VA panel provides a 3500:1 static contrast ratio, 300 cd/m2 brightness and 178 x 178 degree viewing angles. WLED backlighting supports the Full HD display, while HDR10 support provides compatibility with HDR content. The monitor also includes Adaptive Sync for smoother gameplay when the monitor refresh rate is matched with compatible graphics output.

Connectivity is straightforward, with 1 x HDMI 2.0 and 1 x DisplayPort 1.4 video input. A 3.5mm audio output is also provided for compatible headphones or audio equipment. The monitor supports VESA 100 x 100 mounting, allowing it to be used with compatible mounting hardware in addition to its supplied stand.

The supplied stand supports tilt adjustment, while the VESA mounting option provides an alternative for users who want to position the display on a compatible monitor arm or wall mount. The combination of a large curved panel, high refresh rate, Adaptive Sync and VA contrast makes the C32G42ZE suited to users who prioritise fluid gaming performance and an immersive screen format.

Features

The AOC C32G42ZE combines a curved VA display with high refresh rate gaming features and practical connectivity for a dedicated gaming setup.

- 31.5 inch display: Provides a large viewing area for gaming, entertainment and everyday desktop use.
- 1500R curved design: Curves the screen around the viewer to create a more immersive viewing experience.
- Full HD resolution: Displays games and media at 1920 x 1080 pixels.
- 240Hz native refresh rate: Provides smooth motion for high frame rate gaming.
- 260Hz overclocked refresh rate: Supports a maximum refresh rate of 260Hz when overclocked.
- VA panel: Provides a 3500:1 static contrast ratio for strong image contrast.

- 4ms GtG response time: Provides the specified grey-to-grey response performance.
- 0.3ms MPRT: Provides a fast motion response specification for gaming.
- Adaptive Sync: Helps reduce tearing and stuttering with compatible graphics hardware.
- HDR10: Supports HDR10 content for compatible games and media.
- WLED backlight: Provides the display backlighting system.
- 300 cd/m2 brightness: Provides the specified display brightness.
- VESA 100 x 100 mounting: Supports compatible monitor arms and wall mounts.
- Tilt adjustment: Allows the display angle to be adjusted for the viewing position.
- Display connectivity: Includes 1 x HDMI 2.0 and 1 x DisplayPort 1.4.

Curved Display for Immersive Gaming
The 1500R curved screen envelops your view, creating a more natural and engaging gaming experience. Whether playing fast-paced shooters or exploring detailed open worlds, the curvature pulls you into the action.

Ultra-Smooth 240Hz Refresh Rate
Push your visuals to the limit with an overclocked 260Hz refresh rate (240Hz native). Every movement appears sharp and fluid, giving you a competitive edge and ensuring seamless gameplay for fast-paced titles.

Vivid and Accurate Colors
Wide Color Gamut technology reproduces more colors than conventional monitors. Images, videos, and games appear lifelike with enhanced details and a broader range of shades, making your content more immersive.

Adaptive Sync Technology
Adaptive Sync eliminates screen tearing and stuttering by synchronizing the monitor's refresh rate with your GPU. This ensures smooth gaming and video playback, providing a more enjoyable experience overall.

Optimized for Quick Reactions
Low Input Lag mode prioritizes speed over graphical processing, giving you near-instantaneous response times. This is ideal for competitive gaming scenarios where every millisecond matters.

Enhanced Visuals with HDR10
HDR10 support improves brightness, contrast, and color depth for a more realistic gaming experience. Scenes appear richer, and details previously hidden in shadows or highlights become visible, adding depth to every frame.

0.5ms Moving Picture Response Time
MPRT technology reduces motion blur and ghosting by controlling backlight timing. Fast-moving visuals appear smooth and crisp, ensuring a seamless gaming experience.

Customizable with AOC G-Menu
The AOC G-Menu software lets you personalize settings and profiles with ease. Adjust performance, color, and display options directly from your PC for maximum convenience.

Connectivity and Design

- HDMI 2.0 and DisplayPort 1.4 inputs
- Audio output for external speakers or headphones
- 3-sided frameless design for a sleek look
- Tilt adjustment and 100x100 VESA wall mount compatible

What's in the Box

- AOC C32G42ZE monitor

- Monitor stand
- Detachable signal cable
- Power cable
- Retail box packaging

Specifications

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Specifications	
Product Code	AOC-C32G42ZE
Display information	
Screen size (inch)	31.5
Screen size (cm)	80
Flat / Curved	Curved
Curvature Radius	1500R
Panel treatment	Antiglare (AG)
Pixel Pitch (mm)	69.93
Pixels per Inch	0.36375
Panel resolution	1920x1080
Resolution name	FHD
Aspect ratio	16::9
Panel type	VA
Backlight type	WLED
Max Refresh rate	260Hz (OC, 240Hz Native)
Response time GtG	4 ms
Response time MPRT	0.3 ms
Static contrast ratio	3500::1
Viewing angle (CR10)	178/178
Display colours	16.7M (8bits)
Brightness in nits	300 cd/m²
Local Dimming Zones	Global Dimming
Video Features	
Sync technology (VRR)	Adaptive Sync
Digital Signal Frequency Vertical	48~260Hz
Digital Signal Frequency Horizontal	30k~290kHz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	TUV Low Blue Light (hardware)

Colour space (sRGB) CIE 1931 %	118.3
Colour space (DCI-P3) CIE 1976 %	86.4
Colour space (Adobe RGB) CIE 1976 %	87.7
Flicker-FREE	Flicker FREE
Cabinet information	
Bezel type (front)	3-sided frameless
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black, Red
Cabinet finishing (backside)	Texture
Vesa wallmount	100x100
Ergonomic information	
Tilt	-3/21
Gaming Features	
Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu
Low input Lag	Yes
Game Color	Yes
Shadow Control	Yes
Motion Blur Reduction	Yes
Crosshair / Dial Point	Yes
Frame Counter	Yes
Good for Console Gaming	Yes
PS5 Compatibility	1920x1080@120Hz
Xbox X Compatibility	1920x1080@120Hz
Xbox S Compatibility	1920x1080@120Hz
Sustainability	
WEEE	Yes
REACH compliant	Yes
RoHs compliant	Yes
Power Consumption	
Power supply	Internal
Power consumption on (typical) in watts	25
Power consumption standby in watts	0.3

Power consumption off in watts	0.3
Connectivity information	
HDMI	HDMI 2.0 x 1
Digital HDCP (HDMI version)	HDCP 1.4/2.2
DisplayPort	DisplayPort 1.4 x 1
Audio Output	1x Audio out
DP HDCP version	HDCP 1.4/2.2
Product Dimensions	
Product dimensions incl. base (WxHxD) mm	709.4 x 523.8 x 265.3
Product dimensions excl. base (WxHxD) mm	709.4 x 425.2 x 94.7
Packaging dimensions (WxHxD) mm	840 x 527 x 188
Gross weight incl. package (in kg)	9.87
Product with stand (kg)	6.92
Product without stand (kg)	5.83
Regulatory Compliance	
CB	Yes
CE	Yes
TUV-Bauart-Mark	Yes
ISO 9241-307	Yes
EAC	Yes
FCC	Yes
UKCA	Yes
What's in the box	
HDMI cable	1.8
Displayport cable	1.8
Power Cable	Yes
Other information	
EAN	4038986183093
Operation System	Windows 8.1 / 10 / 11, MacOS

FAQ

What is the screen size of the AOC C32G42ZE?

The AOC C32G42ZE has a 31.5 inch display with an 80.0 cm diagonal measurement.

What resolution does the AOC C32G42ZE support?

The monitor has a Full HD resolution of 1920 x 1080 pixels.

Does the AOC C32G42ZE support 260Hz?

Yes. The monitor supports up to 260Hz through overclocking. Its native refresh rate is 240Hz. AOC advises returning to 240Hz if display errors occur when using the 260Hz overclocked mode.

Is the AOC C32G42ZE curved?

Yes. The monitor has a 1500R curved VA panel designed to provide a more immersive viewing experience.

What type of panel does the AOC C32G42ZE use?

The monitor uses a VA panel with a 3500:1 static contrast ratio, 300 cd/m2 brightness and 178 x 178 degree viewing angles.

Does the AOC C32G42ZE support Adaptive Sync?

Yes. Adaptive Sync is supported to help reduce screen tearing and stuttering when compatible graphics hardware provides variable frame rates.

Does the AOC C32G42ZE support HDR?

Yes. The monitor supports HDR10 for compatible games and video content.

What video connections are available on the AOC C32G42ZE?

The monitor provides 1 x HDMI 2.0 input and 1 x DisplayPort 1.4 input.

Does the AOC C32G42ZE support VESA mounting?

Yes. It supports a 100 x 100 mm VESA mounting pattern for compatible monitor arms and wall mounts.

What are the main uses for the AOC C32G42ZE?

The monitor is designed for PC gaming, competitive gaming, esports, racing games, first person shooters, entertainment and general desktop use.

What is the response time of the AOC C32G42ZE?

AOC specifies a 4ms GtG response time and a 0.3ms MPRT response time.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/AOC-C32G42ZE-AOC-G4-32-Full-HD-Curved-Gaming-Monitor-p-340933.php

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