AGON BY AOC

BECOME THE ULTIMATE

POWERED BY

AGP346UCSD



Built for fast, cinematic gaming, this 34-inch curved QD-OLED monitor combines WQHD clarity, 360Hz refresh rate, and 0.03ms response for fluid, responsive action. DisplayHDR True Black 500, 99% DCI-P3 color, Anti Reflection 3.0, and NVIDIA G-SYNC Compatible support deliver deeper immersion, richer visuals, and smoother gameplay.

- Three-Year Warranty OLED
- Wide QHD (WQHD) Resolution
- 360HZ Refresh rate
- HDR500 TrueBlack
- G-SYNC Compatible
- HDMI 2.1
- DP2.1
- USB-C Docking
- KVM
- USB Hub
- ERGONOMIC DESIGN
- RGB LIGHT FX
- Brighter, Clearer, and Built to Last
- Efficiency at its Core
- Peak Brightness Hits 1300 Nits
- Enhanced Black for Reduced Reflections
- Engineered to Manage Heat

THREE-YEAR WARRANTY OLED

Warranty included: 3-Year Warranty (Including coverage for OLED burn-in*) For more information, please refer to Warranty Information page. OLED burn-in* Warranty is covered only when the screen maintenance is performed in accordance with the instructions to be found here.

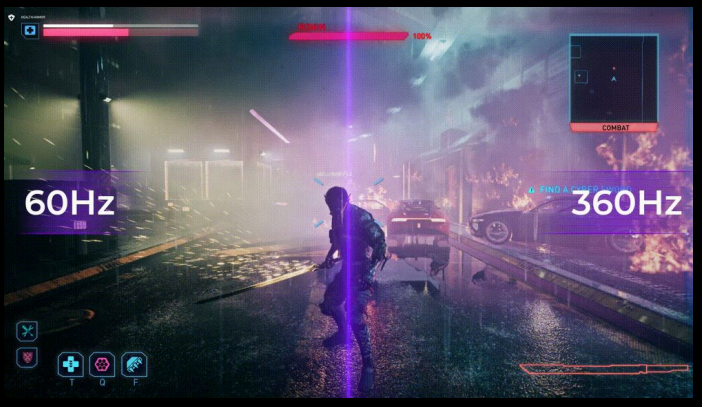


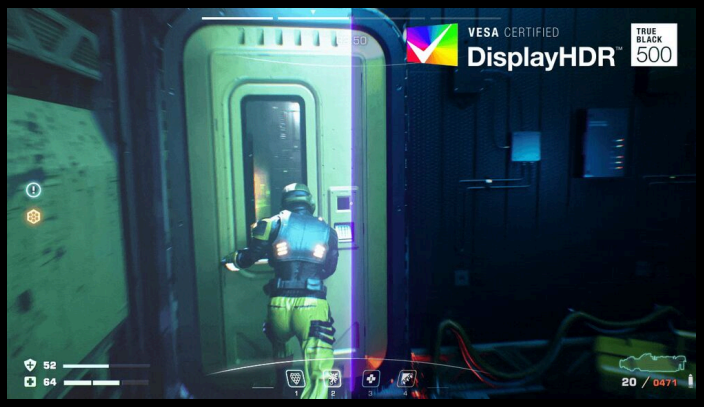
WIDE QHD (WQHD) RESOLUTION

With 3440 x 1440 resolution, Wide Quad HD (WQHD) offers superior picture quality and crisp imagery that reveals every detail. The widescreen 21:9 aspect ratio is perfect for watching movies in an expansive format or immersing yourself in the latest game, plus it offers more space when it's time to work. True 8-bit color provides a broad color palette for vibrant, natural-looking images.

360HZ REFRESH RATE

Be one step ahead of your opponent thanks to next-level equipment! With an incredible refresh rate of 360Hz, your monitor displays more images per second than average screens. Get smoother and faster gameplay than you have ever experienced before.



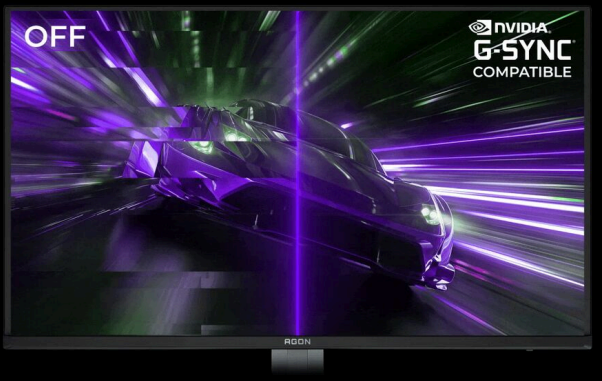


HDR500 TRUEBLACK

VESA Certified DisplayHDR™ 500 delivers a dramatically different visual experience. Unlike other “HDR-compatible” displays, true DisplayHDR™ 1000 provides impressive brightness, contrast, and colors. With local dimming and a peak brightness of up to 500 nits, images come to life with striking highlights and deeper, more nuanced blacks. It reproduces a broader palette of rich, new colors, delivering a visual experience that engages the senses.

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





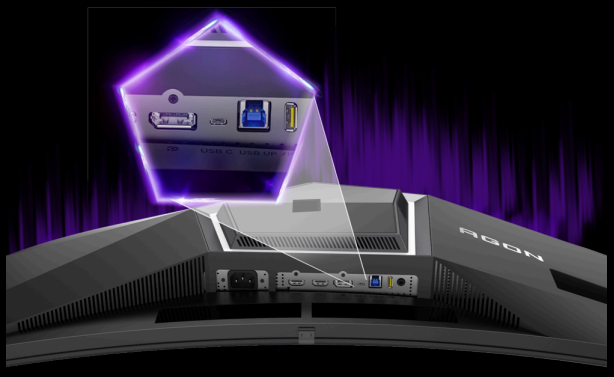
HDMI 2.1

The latest standard in HDMI technology further boosts higher refresh rates and resolution. This not only opens new doors for watching content, but also for gamers: HDMI 2.1 enables next generation consoles to reach their maximum performance.

DP2.1

DisplayPort 2.1 connectivity empowers AOC monitors with next-generation performance, enabling support for ultra-high resolutions, exceptionally high refresh rates, and smooth, lag-free visuals. Designed for cutting-edge gaming, it ensures seamless compatibility with the latest graphics technologies, delivering a future-proof solution for immersive esports and high-performance gaming experiences.





USB-C DOCKING

Simplify connections with just one cable. The USB-C connection supports DisplayPort Alternate Mode, allowing high-resolution video signals to be transmitted from a compatible laptop to the monitor. It also provides up to 15W of USB power delivery for compatible connected devices.

KVM

Share one single keyboard, mouse and monitor between multiple computers with KVM switch hardware.





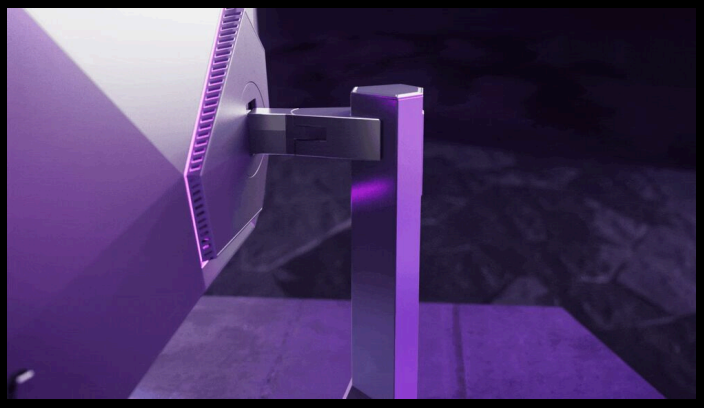
USB HUB

Built-in USB hubs in AOC's monitors bring ease of use and practicality to your desk. Side mounted ports are easily reachable without even looking at them; negating time wasted searching the backside of a PC case to find a free USB port.

ERGONOMIC DESIGN

Ergonomic stand to maintain comfort and prevent strain during long gaming sessions. It offers a wide range of motion and easy height, tilt, and swivel adjustments, accommodating the proper ergonomics and your personal preferences.





RGB LIGHT FX

Maximum immersion: our AOC monitors come with special lighting at the back of the device that illuminates your gaming setup in various colours. Choose whatever colour you like, sync it up with your other AOC devices and test the different glowing patterns.

BRIGHTER, CLEARER, AND BUILT TO LAST

Penta Tandem RGB V-Stripe advances QD-OLED with 1.3× higher brightness, extended panel lifespan, and enhanced text clarity that brings more visual impact to gaming, entertainment, and everyday use.





EFFICIENCY AT ITS CORE

EL3.0 uses third-generation high-efficiency organic emissive material engineered to improve light-emission efficiency, helping the OLED panel deliver powerful visual performance.

PEAK BRIGHTNESS HITS 1300 NITS

With up to 1,300 nits of peak brightness, brilliant highlights gain greater intensity and definition, bringing extra visual impact to HDR scenes while preserving the deep contrast OLED is known for.



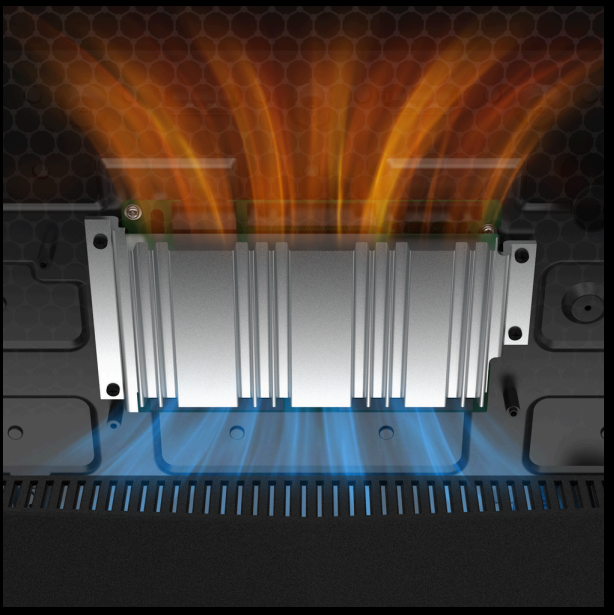


ENHANCED BLACK FOR REDUCED REFLECTIONS

Advanced ultra-black coating absorbs ambient light and suppresses reflection tinting, improving 40% perceived black levels and increasing 2.5 times scratch resistance while maintaining deeper contrast and more immersive viewing in bright environments.

ENGINEERED TO MANAGE HEAT

An integrated thermal design combines graphene film with a metal heat sink to enhance heat dissipation, helping manage panel temperature more efficiently during extended use.



GENERAL

Model Name	AGP346UCSD
Brand	AOC
Channel	Gaming
Product line	AGON PRO
Design family	AG6
Launch date (ETA)	8/26/2026
EAN	6973985233920

DISPLAY INFORMATION

Screen size (inch)	34,0
Screen size (cm)	86,36
Curvature Radius	1800R
Display hardness	3H
Panel treatment	Anti-reflective (Glossy finishing)
Pixels per Inch	109,68
Panel resolution	3440x1440
Aspect ratio	21:9
Panel type	QD-OLED (5th Generation)
Max Refresh rate	360 Hz
Response time GtG (typical)	0.03 ms
Static contrast ratio (typical)	1.5M:1
Viewing angle (CR10)	178/178
Display colors	1.073B (10 bits)
Brightness in nits (typical)	300cd/m² (100% APL) (typical) 515 cd/m²(Typ.) (10% APL) (Peak for HDR) 1300 cd/m²(Typ.) (HDR 3% APL) (Peak for HDR)

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
Digital Signal Frequency Vertical	48~360Hz
Digital Signal Frequency Horizontal	30K~510KHz
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ True Black 500
Blue Light Technology	Anti Blue Light
Multiview (PbP, PiP)	PiP+PbP
Colour space (sRGB) CIE 1976 %	136,5
Colour space (DCI-P3) CIE 1976 %	99,0
Flicker-Free	TUV Flicker Free
KVM	1x USB3.2 Gen 1 type C + 1x type B

CABINET INFORMATION

Bezel Colour (front)	Black
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Matt
Speaker power	8 W x 2
Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMIC INFORMATION

Tilt	3° ±2° ~ 21° ±2°
Height adjust (mm)	150mm
Swivel	16° ±2° ~16° ±2°

GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, eSports, RTS, FPS (eSports), Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu
PS5 Compatibility	2560x1440@120Hz
Xbox X Compatibility	2560x1440@120Hz
Xbox S Compatibility	2560x1440@120Hz

POWER CONSUMPTION

Power supply	Internal
Power consumption on (maximum) in watts	206,0
Power consumption on (typical) in watts	120,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3

CONNECTIVITY INFORMATION

HDMI	HDMI 2.1 x 2
DisplayPort	DP 2.1 x 1 (UHBR 20)
USB Hub	Yes
USB type downstream	3 x USB3.2 type A Gen 1, 5 Gbit/s (BC1.2x1 yellow)
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)
USB-C connectivity	USB-C (DP Alt, PD 15W) x 1
USB generation	USB 3.2 (Gen 1)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	811.7(W) × (421.5~551.2) (H) × 294.3 (D)
Product dimensions excl. base (WxHxD) mm	811.7 (W) ×361.2 (H) × 130.2 (D)
Packaging dimensions (WxHxD) mm	930 (W) ×470 (H) × 226(D)
Gross weight incl. package (in kg)	13,88
Net weight excl. package (in kg)	10,82
Product without stand (kg)	7,65

WHAT'S IN THE BOX

HDMI cable	1x HDMI2.1 1.8 meters
Displayport cable	1x DP2.1 1.8 meters
USB-B upstream cable	1x USB-B to A 1.8m
USB-C to C cable	1x USB-C Gen2 1.5 meters
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.