AGON BY AOC

SEE EVERY MOVE.
FEEL EVERY MOMENT.

POWERED BY

AGP497UCZD



The AGP497UCZD delivers an exceptionally immersive gaming experience through its massive 49-inch Dual QHD 32:9 display and advanced QD-OLED technology. The expansive panoramic format provides a wider field of vision that enhances spatial awareness in sim racing, flight simulation and open-world gaming, while ultra-deep contrast and vibrant colour create more lifelike environments. A lightning-fast 240Hz refresh rate ensures fluid motion and ultra-responsive gameplay during competitive sessions, while HDR TrueBlack 400 adds remarkable shadow detail and visual depth for more atmospheric scenes. Backed by a 3-year warranty, it is built to deliver premium long-term performance for gamers seeking maximum immersion and speed.

- Three-Year Warranty OLED
- Dual QHD (DQHD) Resolution
- 240Hz Refresh Rate
- VESA CERTIFIED DISPLAYHDR™ TRUE BLACK 400
- Adaptive sync
- Power Delivery 90W
- KVM
- USB Hub
- ERGONOMIC DESIGN
- RGB LIGHT FX
- GMENU

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.



DUAL QHD (DQHD) RESOLUTION

Dual QHD displays ensure crisp imagery with 5120 pixels horizontally and 1440 pixels vertically – you practically get two 27” QHD monitors in one. DQHD grants you a commanding view over your game and makes for even sharper and more brilliant images. No matter if you use it for work or entertainment, the resolution elevates your experience to a whole new level.

240HZ REFRESH RATE

Whether dodging bullets in an FPS or drifting through tight corners in a racing game, the crispness and responsiveness of your monitor with a 240Hz refresh rate can elevate your gaming experience to new heights. It's not just about gaining a competitive edge — it's about feeling fully immersed in the game world, where every detail is rendered with stunning clarity and every movement feels incredibly lifelike.



WITHOUT HDR



VESA CERTIFIED DISPLAYHDR™ TRUE BLACK 400

The DisplayHDR™ True Black 400 brings you deeper, more accurate black levels , making your viewing experience richer and more immersive. No more washed-out dark scenes in movies and games. With TrueBlack 400, you're in for a more realistic visual journey.

ADAPTIVE SYNC

Adaptive Sync aligns your monitor's vertical refresh rate with the frame rate delivered by your GPU, making your gameplay and casual gaming experience even more fluid by eliminating stuttering, tearing and judder. This feature is also useful when enjoying videos and other visual media, for a smoother entertainment.





POWER DELIVERY 90W

Streamline your workspace with the 90W USB-C Power Delivery and docking feature. Charge your laptop, transfer data, and connect peripherals through a single cable, delivering a clutter-free, efficient setup for enhanced productivity.

KVM

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



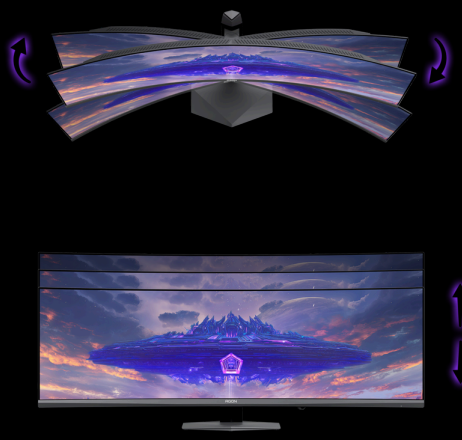


USB HUB

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.

GMENU

AOC G-Menu is a free tool that you can install on your PC to have complete customization paired with maximum convenience.



GENERAL

Model Name	AGP497UCZD
Brand	AOC
Channel	Gaming
Product line	AGON PRO
Design family	AG 7
Launch date (ETA)	8/26/2026
EAN	4038986113434

DISPLAY INFORMATION

Screen size (inch)	48,9
Screen size (cm)	124,3
Flat / Curved	Curved
Curvature Radius	1800R
Display hardness	2H
Panel treatment	Anti-reflective (Glossy finishing)
Panel resolution	5120x1440
Aspect ratio	32:9
Panel type	QD - OLED
Max Refresh rate	240 Hz
Response time GtG (typical)	0.03 ms
Static contrast ratio (typical)	1.5M:1
Viewing angle (CR10)	178/178
Display colours	1.073B (10 bits)
Brightness in nits (typical)	SDR: 250nits (APL 100%) nits, HDR: 450 (APL 10%) nits, HDR E/P: 1000 (APL 3%) nits

VIDEO FEATURES

Sync technology (VRR)	Adaptive Sync
NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible
Digital Signal Frequency Vertical	50 -76 Hz
Digital Signal Frequency Horizontal	30 -83kHz
HDR (High Dynamic Range)	VESA Certified DisplayHDR™ True Black 400
Blue Light Technology	Anti Blue Light
Multiview (PbP, PiP)	PiP+PbP
Colour space (sRGB) CIE 1976 %	146,1
Colour space (DCI-P3) CIE 1976 %	99,3
Colour space (Adobe RGB) CIE 1976 %	98,1
Flicker-Free	Flicker Free
KVM	1x USB3.2 Gen 1 type C + 1x type B

CABINET INFORMATION

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

ERGONOMIC INFORMATION

Tilt	-5°~20°
Height adjust (mm)	130mm
Swivel	±30°±2°

GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, RTS, Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu

POWER CONSUMPTION

Power supply	Internal
Power consumption on (maximum) in watts	350,0
Power consumption on (typical) in watts	157,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3
Energy class	G

CONNECTIVITY INFORMATION

HDMI	HDMI 2.1 x 2
DisplayPort	DP 2.1 x 1 (UHBR 20)
USB Hub	Yes
USB type downstream	USB-C PD: 15W, 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 (PD 90W) x 1
USB generation	USB 3.2 (Gen 1)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	1191.8mm x (414~544)mm x 314.5mm
Product dimensions excl. base (WxHxD) mm	1191.8mm x 373.8mm x 166.5mm
Packaging dimensions (WxHxD) mm	1290W*475D*300H mm
Gross weight incl. package (in kg)	19,65
Net weight excl. package (in kg)	14,37
Product without stand (kg)	10,7

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

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.