

# AGON PRO



YOUR COLOSSAL MIGHT IS NOW

# AWAKEN

PROVEN BY

## AG485UD2

OLED | ADAPTIVE SYNC | 4K UHD @ 3840 X 2160 PX | 138HZ | 0.1MS RESPONSE TIME  
ANTI-GLARE AND LOW REFLECTION | HDR 10 | 10-BIT COLOR | LIGHT FX | SCREEN MIRRORING  
HDMI 2.1 | DISPLAYPORT 1.4 | PICTURE-IN-PICTURE & PICTURE-BY-PICTURE

[www.aoc.com](http://www.aoc.com)

**AOC**

# FEATURES



## MAXIMIZE YOUR GAMING POTENTIAL WITH PERFECT BLACK OLED PANEL

Dive into an amazing game world from the comfort of your home where every brilliant detail can be seen even in the darkest scenes with OLED panels. OLED, which also stands for organic light emitting diode, creates perfect black and infinite contrast, delivering purer colors and truer to life image quality. Fastest response times, smooth graphics, and enhanced immersion brings gamers to enjoy an entirely new level of immersive gameplay.

\* the OLED panel has already got the TÜV Eye comfort certificate and the UL Flicker Free & Low Blue Light certificates



138Hz  
0.1ms

## THE E-SPORTS PROFESSIONAL STANDARD FOR GAMING

With a 138Hz refresh rate and 0.1ms response time, your display will be equipped to perform at the pro gaming standard. Enjoy an ultra-smooth experience with no visible screen blur to ensure you're always prepped to win.



## BRILLIANT VISUALS WITH ULTRA DETAILED PICTURES

4K Ultra High-Definition (3840 x 2160) resolution delivers ultra-crisp picture quality and allows users to see more on the screen at one time. This provides more screen 'real estate' and also shows more detail for sharper and more brilliant images. Whether working on the next beautiful photo, design, or even just used for productivity, users will marvel at the true, crisp image that only a UHD display can provide.



## A UNIVERSALLY RESPECTED ANTI-TEARING SOLUTION

Screen tearing doesn't only harm gaming performance, it also destroys immersion. Adaptive Sync technology eradicates this disastrous problem by ensuring your monitor's refresh rate is always synced with your processor's.



### Anti-glare and low reflection

Designed to reduce screen distraction during gaming, working, or indeed any other setting, anti-glare and low reflection technology provide a better viewing experience, even in environments with surrounding ambient light. Benefits include reduced eye tiredness and fatigue.



### Screen mirroring

Can't put your smartphone down? Stay fully connected at all times, by making use of AOC's screen mirroring technology, a seamless and wireless solution to display your phone's content to your AOC monitor screen. The technology fully supports cast protocols such as Miracast, DLNA and Airplay.



### Illuminate your visuals

Enjoy an immersive visual experience with HDR 10, the industry-standard high dynamic range for delivering a rich palette of colors, brightness, and contrast that far exceeds the capabilities of ordinary monitors, engaging your senses and creatively inspiring you.



### Complete immersion for true detail

Discover a deeper level of detail in your favorite photos and videos. Immerse yourself in scenes that contain both bright and dark areas. Together, true 10-bit color technology, support for DCI-P3 color spaces, and color accuracy  $\Delta E < 2$ , with a rich selection of connectivity, combine to deliver unprecedented motion, gaming or visual experiences.



### Flash your colors

AOC Light FX offers an immersive gaming experience by emitting ambient light during gameplay. Choose 14 default modes or customise the technology to flash team colors at e-sport events. Furthermore, you can even pulse colors along to music.



### Multitask like it was nothing

Picture-in-Picture and Picture-by-Picture empowers you to multitask like it was nothing. These features display and fine-tune content from different PCs sources onto your screen at once, making it much easier to work on multiple projects at the same time.



### Connectable with other devices

HDMI 2.1 offers amazing 48Gbps transmission bandwidth, which brings faster refresh rates, higher resolution, and also supports native 4K 120 Hz gaming on PlayStation 5 and Xbox Series X. DisplayPort offers an alternate option for high-definition resolution as well as the capability to output to multiple displays when using compatible notebooks or desktops.

# SPECIFICATIONS

Model Name	AG485UD2
Panel	48" (OLED)
Pixel Pitch (mm)	0.274 (H) x 0.274 (V)
Effective Viewing Area (mm)	1052.16 (H) x 591.84 (V)
Brightness (typical)	135cd/m <sup>2</sup> (100% APL) / 450cd/m <sup>2</sup> (25% APL)
Contrast Ratio	135,000:1 (100% APL) 1,500,000:1 (25% APL)
Response Time	0.1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 113% (CIE1976) / sRGB 133% (CIE1931) / DCI-P3 103% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3840 x 2160 @ 138Hz - DisplayPort 1.4 + DSC, HDMI 2.1 + DSC, USB-C 3840 x 2160 @ 60Hz - HDMI 2.0
Signal Input	1.07 Billion
Display Colors	HDMI 2.1 x 1, HDMI 2.0 x 1, DisplayPort 1.4 x 1 USB-C (DP Alt, 90W) x 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 x 4
Power Supply	100 - 240V ~ 4A, 50 / 60Hz
Power Consumption (typical)	97W
Speakers	10W x 2
Line in & Earphone	Earphone x 1
Wall-Mount	100mm x 100mm
Adjustable Stand	Height: 100mm, Swivel: -15° ~ 15°, Tilt: -5° ~ 15°
Product without Stand (mm)	611.8 (H) x 1068.5 (W) x 48.3 (D)
Product with Stand (mm)	707.1-807.1 (H) x 1068.5 (W) x 377.6 (D)
Packaging (mm)	705 (H) x 1313 (W) x 225 (D)
Product without Stand (kg)	13.35
Product with Stand (kg)	17.19
Product with Packaging (kg)	22.91
Cabinet Color	Black & Grey
Regulatory Approvals	CE / FCC / BSMI / KC / KCC / e-Standby

\* To enable UHD@138Hz, a graphics card which supporting DSC must be used. Please visit the graphics card manufacturer's website for DSC support

