

AGON PRO



AG485UD

- OLED Display for perfect black and infinite contrast
- Incredible 120Hz Refresh Rate And 0.1ms Response Time
- HDR Visual Enhancement
- Adaptive Sync Anti-tearing Technology

OLED

4K
4K ULTRA HD

120Hz

0.1ms

ADAPTIVE SYNC

HDR10
HIGH DYNAMIC RANGE

10-bit
COLOR

LIGHT FX

PICTURE-BY-PICTURE
PICTURE-BY-PICTURE

KVM

ADJUSTABLE STAND

HDMI

D

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 TUV Eye comfort certificate and the UL Flicker Free & Low Blue Light certificates



OLED

120Hz
0.1ms

THE E-SPORTS PROFESSIONAL STANDARD FOR GAMING

With a 120Hz 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.



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.

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.

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, Adobe RGB color spaces, and color accuracy $\Delta E < 2$, with a rich selection of connectivity, combine to deliver unprecedented motion, gaming or visual experiences.

Your custom built-in crosshair

The DialPoint feature provides selectable custom crosshair options, helping gamers to play First-Person Shooter (FPS) games with more accurate and precise aiming.

Optimize your game settings

Enhances color and sharpness for different game styles. Six modes to select: FPS, Racing, RTS, Gamer1, Gamer2, Gamer3 and Off.

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	AG485UD
Panel	48" (OLED)
Pixel Pitch (mm)	0.274 (H) × 0.274 (V)
Effective Viewing Area (mm)	1052.16 (H) × 591.84 (V)
Brightness (typical)	135cd/m ² (100% APL) / 900cd/m ² (3% APL) /
Contrast Ratio	135,000:1 / 108,000:1 (100% APL) 1,500,000:1 / 1,200,000:1 (25% APL)
Response Time	0.1ms (GtG)
Viewing Angle	178° (H) / 178° (V) (CR > 10)
Color Gamut	NTSC 113% (CIE1976) / sRGB 134% (CIE1931) / DCI-P3 103% (CIE1976)
Color Accuracy	Delta E < 2
Optimum Resolution	3840 × 2160 @ 120Hz - DisplayPort1.4+DSC, HDMI2.1+DSC, USB-C
Signal Input	1.07 Billion
Display Colors	HDMI 2.1 × 2, DisplayPort 1.4 × 1 USB-C (DP Alt, 90W) × 1
HDCP Version	HDMI: 2.2 / DisplayPort: 2.2
USB Hub	USB 3.2 Gen1 × 4
Power Supply	100 - 240V ~ 4A, 50 / 60Hz
Power Consumption (typical)	102W
Speakers	8W × 2
Line in & Earphone	Earphone (combine with microphone) × 1 Microphone In & out × 1
Wall-Mount	100mm × 100mm
Adjustable Stand	Height: 100mm, Swivel: -15° ~ 15°, Tilt: -5° ~ 15°
Product without Stand (mm)	611.8 (H) × 1068.5 (W) × 48.3 (D)
Product with Stand (mm)	707.1~807.1 (H) × 1068.5 (W) × 377.6 (D)
Packaging (mm)	705 (H) × 1313 (W) × 225 (D)
Product without Stand (kg)	13
Product with Stand (kg)	16.72
Product with Packaging (kg)	22.19
Cabinet Color	Black & Grey
Regulatory Approvals	CE / FCC / BSMI / KC / KCC / e-Standby

* To enable UHD@120Hz, a graphics card which supporting DSC must be used. Please visit the graphics card manufacturer's website for DSC support

