

AGON
BY AOC

BECOME THE
ULTIMATE LEGEND

POWERED BY
AG246FK



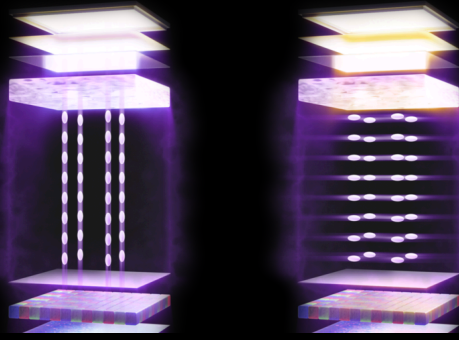
Featuring a groundbreaking 540Hz refresh rate, this monitor ensures ultra-smooth visuals crucial for competitive gaming. The Pro eSports design includes a TN eSports panel for lightning-fast response times, and a brightness level that can reach 400 nits for vibrant colors and stunning contrast. Covering 99% of the sRGB color space that enhance gameplay realism and immersion to the fullest extent., it's perfect for gaming . With an ergonomic stand, low input lag, integrated USB hub, customizable RGB Light FX, and Gmenu, the model offers unmatched connectivity and image quality. Additionally, special FPS settings and an included gamepad for easy OSD access make it the ultimate choice for professional gamers.

- **540Hz OC Refresh Rate**
- **TN eSports**
- **Low Input Lag**
- **Vesa Certified DisplayHDR™ 400**
- **ERGONOMIC DESIGN**
- **USB Hub**

540HZ OC REFRESH RATE

Play like professional gamers and enthusiasts seeking the best performance in the gaming settings. Overclocking to 540 Hz can significantly improve the gaming experience, delivering ultra-smooth and responsive imaging that is particularly beneficial in fast-paced games. React faster with the highest refresh rate and less motion blur. In the gaming world, every millisecond counts, the overclocked 540 Hz monitor can be the difference between victory and defeat.



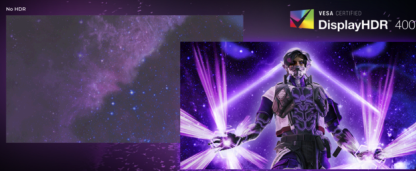


TN ESPORTS

Dominate with AOC's Fast TN eSports panel, delivering blazing-fast 0.5 ms GTG response times and high refresh rates up to 610 Hz. Enjoy crisp, tear-free visuals and ultra-low input lag for unrivaled competitive precision.

LOW INPUT LAG

Unleash your reflexes by switching to the AOC Low Input Lag mode. Forget graphical frills: this mode rewires the monitor in favour of raw response time, giving the ultimate edge in hair trigger stand offs.



VESA CERTIFIED DISPLAYHDR™ 400

Even the lowest level of High Dynamic Range (HDR) feature poses a significant upgrade to common monitors. The peak luminance of 400 cd/m² enables your display to hone the picture quality with a manifold colour spectrum and more diverse contrast. The VESA-certificate ensures richness of detail and realistic portrayals of game and film worlds.

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.



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.

GENERAL

| | |
|---------------|---------------|
| Model Name | AG246FK |
| Brand | AOC |
| Channel | Gaming |
| Product line | AGON PRO |
| Design family | AG6 |
| EAN | 4038986142120 |

DISPLAY INFORMATION

| | |
|------------------------|-----------------------|
| Screen size (inch) | 24,1 |
| Screen size (cm) | 61,21 |
| Flat / Curved | Flat |
| Panel treatment | Antiglare (AG) |
| Panel resolution | 1920x1080 |
| Aspect ratio | 16:9 |
| Panel type | Ultra-Fast TN eSports |
| Backlight type | WLED |
| Max Refresh rate | 540 Hz |
| Response time GtG | 0.5 ms |
| Response time MPRT | 0.5 ms |
| Static contrast ratio | 1000:1 |
| Dynamic contrast ratio | 80M:1 |
| Viewing angle (CR10) | 176/170 |
| Display colours | 16.7 Million |
| Brightness in nits | 400 cd/m ² |

VIDEO FEATURES

| | |
|-------------------------------------|-----------------------------------|
| Sync technology (VRR) | Adaptive Sync |
| AMD FreeSync™ | AMD FreeSync Premium |
| Digital Signal Frequency Vertical | HDMI: 60-240Hz / DP: 60-540Hz |
| Digital Signal Frequency Horizontal | HDMI: 30k-255kHz / DP: 30k-510kHz |
| HDR (High Dynamic Range) | VESA Certified DisplayHDR™ 400 |
| Blue Light Technology | Low Blue Light |
| Multiview (PbP, PiP) | PiP+PbP |
| Colour space (sRGB) CIE 1976 % | 99,6 |
| Colour space (DCI-P3) CIE 1976 % | 94,7 |
| Flicker-Free | Flicker Free |

CABINET INFORMATION

| | |
|------------------------------|---------|
| Bezel Colour (front) | Black |
| Cabinet colour (backside) | Black |
| Cabinet finishing (backside) | Matt |
| Removable stand | Yes |
| Kensington Lock | Yes |
| Vesa wallmount | 100x100 |

ERGONOMICS

| | |
|--------------------|--------------------------|
| Tilt | -5 (+3/-0) ~ +25 (-3/+0) |
| Height adjust (mm) | 150mm |
| Swivel | 28° ±2° ~ 28° ±2° |
| Pivot | 90° ±2° ~ 90° ±2° |

GAMING FEATURES

| | |
|----------------------|--|
| Gaming style | Shooters, eSports, RTS, FPS (eSports), Beat'm up, Racing |
| Game mode | RTS, FPS, Racing, Gamer 1, Gamer 2, Off |
| Gaming convenience | G-menu |
| PS5 Compatibility | 1920x1080@120Hz |
| Xbox X Compatibility | 1920x1080@120Hz |
| Xbox S Compatibility | 1920x1080@120Hz |

SUSTAINABILITY

| | |
|------------------------------|-----------------|
| TCO Certified | No |
| WEEE | Yes |
| REACH compliant | Yes |
| RoHs compliant | Yes |
| PVC/BFR free housing | Yes |
| Mercury free | Yes |
| Recycable packaging material | 100 % recycable |
| Carton material | Paper |

POWER CONSUMPTION

Power supply Internal

Power consumption on (typical) in watts 30,0

Power consumption standby in watts 0,5

Power consumption off in watts 0,3

Energy class E

CONNECTIVITY INFORMATION

HDMI HDMI 2.0 x 2

DisplayPort DisplayPort 1.4 x 1

USB Hub Yes

USB type downstream 4

USB fast charge port Yes

Audio Output Headphone out (3.5mm)

USB generation USB 3.2 (Gen 1)

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm 557.0 x (380.8~489.8) x 228.9

Product dimensions excl. base (WxHxD) mm 557 x 331.4 x 73

Packaging dimensions (WxHxD) mm 650 x 420 x 188

Gross weight incl. package (in kg) 8,45

Net weight excl. package (in kg) 5,0

Product without stand (kg) 3,75

WHAT'S IN THE BOX

HDMI cable 1x

Displayport cable 1x

USB-B upstream cable 1.8

Power Cable Yes

OTHER INFORMATION

Warranty period 3 years

LEGAL DISCLAIMER

The monitor may appear different from the feature image. The products and accessories mentioned may vary by country and region. 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.