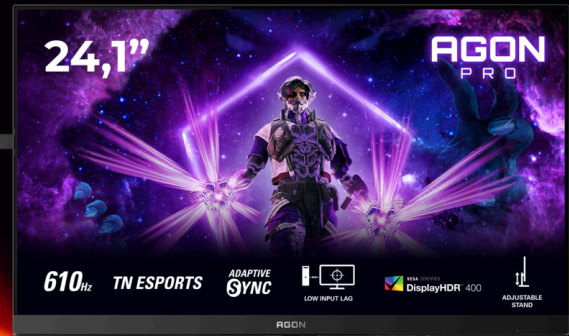


**AGON**  
BY AOC

BECOME THE  
ULTIMATE LEGEND

POWERED BY  
**AG246FK6**



Step into the future of competitive gaming with the AG246FK6, featuring an unmatched 610Hz refresh rate on a TN eSports panel for blazing-fast response times and unbeatable motion clarity. With ultra-low input lag, 0.5ms MPRT, and HDR400, every frame is razor-sharp and buttery smooth. HDMI 2.1 ensures next-gen connectivity, while the ergonomic stand keeps you comfortable during marathon gaming sessions. Enhance your gameplay with G-Menu software for custom settings. This monitor is built for the ultimate competitive advantage—are you ready to break all limits?

- **Pro eSports Design**
- **610Hz refresh rate (OC, 600Hz native)**
- **TN eSports**
- **Adaptive sync**
- **Low Input Lag**
- **Vesa Certified DisplayHDR™ 400**

## PRO ESPORTS DESIGN

Crafted for esports pros, this AOC monitor features a sleek, low-profile base for optimal mouse and keyboard space. Its 3-sided borderless design supports seamless multi-monitor setups, with an ergonomic stand offering tilt, swivel, and pivot for peak performance comfort.



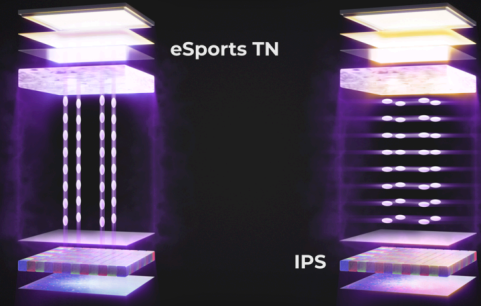
## 610HZ REFRESH RATE (OC, 600HZ NATIVE)

Experience ultra-smooth esports performance with AOC's 610Hz refresh rate (OC, 600Hz native) monitor. Paired with a 0.5 ms GTG response time, this Fast TN panel delivers razor-sharp motion clarity for competitive gaming, ensuring every frame counts.



## 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.



## 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.

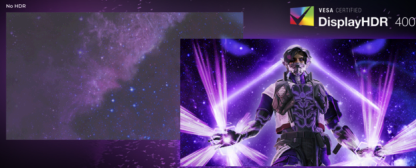
## LOW INPUT LAG

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/m<sup>2</sup> 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.



## GENERAL

|               |               |
|---------------|---------------|
| Model Name    | AG246FK6      |
| Brand         | AOC           |
| Channel       | B2C, Gaming   |
| Product line  | AGON PRO      |
| Design family | AG6           |
| EAN           | 4038986143059 |

## DISPLAY INFORMATION

|                        |                          |
|------------------------|--------------------------|
| Screen size (inch)     | 24,1                     |
| Screen size (cm)       | 61,21                    |
| Flat / Curved          | Flat                     |
| Pixels per Inch        | 91,41                    |
| Panel resolution       | 1920x1080                |
| Aspect ratio           | 16:9                     |
| Panel type             | Ultra-Fast TN eSports    |
| Backlight type         | WLED                     |
| Max Refresh rate       | 610Hz (OC, 600Hz native) |
| Response time CtG      | 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     | 500 cd/m2                |

## VIDEO FEATURES

|                                     |                                |
|-------------------------------------|--------------------------------|
| Sync technology (VRR)               | Adaptive Sync                  |
| AMD FreeSync™                       | AMD FreeSync Premium           |
| Digital Signal Frequency Vertical   | 60-610Hz                       |
| Digital Signal Frequency Horizontal | 30k-510kHz                     |
| HDR (High Dynamic Range)            | VESA Certified DisplayHDR™ 400 |
| Blue Light Technology               | Low Blue Mode                  |
| Multiview (PbP, PiP)                | PiP+PbP                        |
| Colour space (sRGB) CIE 1931 %      | 125,1                          |
| Colour space (DCI-P3) CIE 1976 %    | 93,6                           |
| Colour space (Adobe RGB) CIE 1976 % | 89,4                           |
| Flicker-Free                        | Flicker Free                   |

## CABINET INFORMATION

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

## ERGONOMICS

|                    |                   |
|--------------------|-------------------|
| Tilt               | -5°~23°           |
| Height adjust (mm) | 130mm             |
| Swivel             | 28° ±2° ~28° ±2°  |
| Pivot              | 90° ±2° ~ 90° ±2° |

## GAMING FEATURES

|                      |   |
|----------------------|---|
| Gaming style         | Shooters, eSports, FPS (eSports), Beat'm up |
| 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 |
| CEC             | Yes |

## 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        |

## REGULATORY COMPLIANCE

|                 |     |
|-----------------|-----|
| CB              | Yes |
| CE              | Yes |
| TUV-Bauart-Mark | Yes |
| ISO 9241-307    | Yes |
| EAC             | Yes |
| FCC             | Yes |

## CONNECTIVITY INFORMATION

|                             |                           |
|-----------------------------|---------------------------|
| HDMI                        | HDMI 2.1 x 2              |
| Digital HDCP (HDMI version) | HDCP 2.3                  |
| DisplayPort                 | DisplayPort 1.4 x 1       |
| USB Hub                     | Yes                       |
| USB type downstream         | 4 x USB-A                 |
| USB fast charge port        | Yes                       |
| Audio Output                | 1x Audio out              |
| DP HDCP version             | HDCP 2.3                  |
| USB Type upstream           | 1 x USB-B                 |
| USB generation              | USB 3.2 (Gen 1), 5 Gbit/s |

## PRODUCT DIMENSIONS

|  |                               |
|--|-------------------------------|
| Product dimensions incl. base (WxHxD) mm | 557.0 x (380.8~489.8) x 240.0 |
| Product dimensions excl. base (WxHxD) mm | 557.0 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)         | 5,03                          |
| Product without stand (kg)               | 3,75                          |

## SOFTWARE

|          |        |
|----------|--------|
| Software | G-Menu |
|----------|--------|

## WHAT'S IN THE BOX

|                      |                    |
|----------------------|--------------------|
| HDMI cable           | 1.8                |
| Displayport cable    | 1.8                |
| USB-B upstream cable | 1x USB-B to A 1.8m |
| Power Cable          | Yes                |

## OTHER INFORMATION

|                 |         |
|-----------------|---------|
| Warranty period | 3 years |
|-----------------|---------|