

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**
- **G-SYNC Compatible**
- **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.



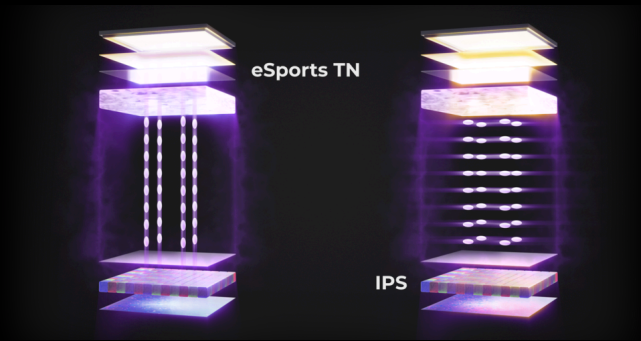
610HZ REFRESH RATE (OC, 600HZ NATIVE)

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.



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.

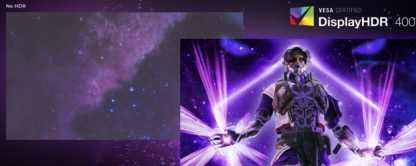
G-SYNC COMPATIBLE

Enable flawless picture quality by synchronising new generations of NVIDIA graphics cards* with this G-SYNC Compatible monitor. *Please refer to NVIDIA website for the complete list of GPUs working with G-SYNC Compatible monitors



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.



| GENERAL | | VIDEO FEATURES | | ERGONOMICS | |
|------------------------|--------------------------|-------------------------------------|--------------------------------|---|---|
| Model Name | AG246FK6 | Sync technology (VRR) | Adaptive Sync | Tilt | -5°~23° |
| Brand | AOC | NVIDIA G-SYNC™ | NVIDIA G-SYNC Compatible | Height adjust (mm) | 130mm |
| Channel | B2C, Gaming | Digital Signal Frequency Vertical | 60-610Hz | Swivel | 28° ±2° ~28° ±2° |
| Product line | AGON PRO | Digital Signal Frequency Horizontal | 30k-510kHz | Pivot | 90° ±2° ~ 90° ±2° |
| Design family | AG6 | HDR (High Dynamic Range) | VESA Certified DisplayHDR™ 400 | GAMING FEATURES | |
| EAN | 4038986143059 | Blue Light Technology | Low Blue Mode | Gaming style | Shooters, eSports, FPS (eSports), Beat'm up |
| DISPLAY INFORMATION | | Multiview (PbP, PiP) | PiP+PbP | Game mode | RTS, FPS, Racing, Gamer 1, Gamer 2, Off |
| Screen size (inch) | 24,1 | Colour space (sRGB) CIE 1931 % | 125,1 | Gaming convenience | G-menu |
| Screen size (cm) | 61,21 | Colour space (DCI-P3) CIE 1976 % | 93,6 | PS5 Compatibility | 1920x1080@120Hz |
| Flat / Curved | Flat | Colour space (Adobe RGB) CIE 1976 % | 89,4 | Xbox X Compatibility | 1920x1080@120Hz |
| Pixels per Inch | 91,41 | Flicker-Free | Flicker Free | Xbox S Compatibility | 1920x1080@120Hz |
| Panel resolution | 1920x1080 | CABINET INFORMATION | | SUSTAINABILITY | |
| Aspect ratio | 16:9 | Bezel Colour (front) | Black | TCO Certified | No |
| Panel type | Ultra-Fast TN eSports | Cabinet colour (backside) | Black, Grey | WEEE | Yes |
| Backlight type | WLED | Cabinet finishing (backside) | Texture | REACH compliant | Yes |
| Max Refresh rate | 610Hz (OC, 600Hz native) | Removable stand | Yes | RoHs compliant | Yes |
| Response time GtG | 0.5 ms | Kensington Lock | Yes | CEC | Yes |
| Response time MPRT | 0.5 ms | Vesa wallmount | 100x100 | POWER CONSUMPTION | |
| Static contrast ratio | 1000:1 | | | Power supply | Internal |
| Dynamic contrast ratio | 80M:1 | | | Power consumption on (typical) in watts | 30,0 |
| Viewing angle (CR10) | 176/170 | | | Power consumption standby in watts | 0,5 |
| Display colours | 16.7 Million | | | Power consumption off in watts | 0,3 |
| Brightness in nits | 500 cd/m² | | | 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

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|--|-------------------------------|
| 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

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

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