

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/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

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
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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

Warranty period	3 years
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