

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 rewrites 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	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				
EAN	4038986143059				
DISPLAY INFORMATION		GAMING FEATURES			
Screen size (inch)	24.1	HDR (High Dynamic Range)	VESA Certified DisplayHDR™ 400	Gaming style	Shooters, eSports, FPS (eSports), Beat'm up
Screen size (cm)	61.21	Blue Light Technology	Low Blue Mode	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Flat / Curved	Flat	Multiview (PbP, PiP)	PiP+PbP	Gaming convenience	G-menu
Pixels per Inch	91.41	Colour space (sRGB) CIE 1931 %	125.1	PS5 Compatibility	1920x1080@120Hz
Panel resolution	1920x1080	Colour space (DCI-P3) CIE 1976 %	93.6	Xbox X Compatibility	1920x1080@120Hz
Aspect ratio	16:9	Colour space (Adobe RGB) CIE 1976 %	89.4	Xbox S Compatibility	1920x1080@120Hz
Panel type	Ultra-Fast TN eSports	Flicker-Free	Flicker Free		
Backlight type	WLED			SUSTAINABILITY	
Max Refresh rate	610Hz (OC, 600Hz native)			TCO Certified	No
Response time GtG	0.5 ms			WEEE	Yes
Response time MPRT	0.5 ms			REACH compliant	Yes
Static contrast ratio	1000:1	Bezel Colour (front)	Black	RoHs compliant	Yes
Dynamic contrast ratio	80M:1	Cabinet colour (backside)	Black, Grey	CEC	Yes
Viewing angle (CR10)	176/170	Cabinet finishing (backside)	Texture	POWER CONSUMPTION	
Display colours	16.7 Million	Removable stand	Yes	Power supply	Internal
Brightness in nits	500 cd/m²	Kensington Lock	Yes	Power consumption on (typical) in watts	30.0
		Vesa wallmount	100x100	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

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

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

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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