

AGON
BY AOC

AI-POWERED FOR PRECISION VICTORY

POWERED BY

AG277UX



The AG277UX using a Fast IPS panel and dual refresh rate—160Hz in UHD and 320Hz in FHD. With a 0.5ms response time, NVIDIA G-SYNC compatibility, DisplayHDR600, and 95% DCI-P3 color, it delivers fluid gameplay, vibrant visuals, and AI-powered enhancements for competitive gamers.

- **Dual Refresh Rate: UHD 160Hz/ FHD 320Hz**
- **Real-Time Racing Insights**
- **See Clearly in the Dark**
- **Health-Based Reminding**
- **Intelligent Scene Switching**
- **G-SYNC Compatible**

DUAL REFRESH RATE: UHD 160HZ/ FHD 320HZ

Switch between refresh modes up to 320Hz (FHD) or 160Hz (UHD) depending on your gameplay or content need. Ideal for pro eSports and cinematic visuals.



REAL-TIME RACING INSIGHTS

Your secret weapon on the racetrack. The AI assistant tracks your speed, racing line, and braking behavior in real time—giving you suggestions to help cut corners tighter and overtake smarter. Whether you're chasing lap records or just want to get smoother, this assistant has your back.

SEE CLEARLY IN THE DARK

Step into the night like it's day. Whether you're hiding in a corner or chasing enemies through dim corridors, your visibility stays crisp—so you're always in control, even in low light.



HEALTH-BASED REMINDING

Powered by an intelligent AI system, the adaptive health bar analyzes your HP and game state in real time, delivering timely alerts when your survival hangs by a thread — so you never lose focus in the heat of battle.



INTELLIGENT SCENE SWITCHING

One screen. Every genre. Our AI auto-detects your game type—whether RTS, FPS, or racing—and optimizes performance and visuals to match. No manual tweaks required.



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

GENERAL

Model Name	AG277UX
Brand	AOC
Channel	Gaming
Product line	AGON
Design family	AG7

DISPLAY INFORMATION

Screen size (inch)	27,0
Flat / Curved	Flat
Panel treatment	Antiglare 3H
Pixel Pitch (mm)	0,1554
Pixels per Inch	163,0
Panel resolution	3840x2160 / 1920x1080 Dual Frame Monitor
Aspect ratio	16:9
Panel type	Fast IPS
Backlight type	WLED
Max Refresh rate	UHD@160Hz / FHD@320Hz Dual Frame Monitor
Response time GtG	1 ms
Response time MPRT	UHD 0.5ms / FHD 0.3 ms
Static contrast ratio	1000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	1.07 Billion
Brightness in nits	350 cd/m ² (SDR) / 450 cd/m ² (HDR ON) / 600 cd/m ² (HDR peak)

VIDEO FEATURES

Sync technology (VRR)	G-SYNC Compatible
Multiview (PbP, PiP)	PiP+PbP

CABINET INFORMATION

Kensington Lock	Yes
Vesa wallmount	100x100

ERGONOMICS

Tilt	-5°~23°
Height adjust (mm)	150mm
Swivel	±30°±2°
Pivot	-90° ±2° ~ 90° ±2°

GAMING FEATURES

Gaming convenience	G-menu
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SUSTAINABILITY

RoHs compliant	Yes
CEC	Yes
Carton material	Paper
Carton material print	Color Print

POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	38,0
Power consumption standby in watts	0,5
Power consumption off in watts	0,3

REGULATORY COMPLIANCE

CE	Yes
FCC	Yes

CONNECTIVITY INFORMATION

HDMI	HDMI 2.1 x 2
Digital HDCP (HDMI version)	HDCP 2.3
DisplayPort	DisplayPort 2.1 x 1
Audio Output	1x Audio out
DisplayPort output	0x
DP HDCP version	HDCP 2.3
mini USB (for external keypad)	No
USB Type upstream	1 x USB3.2 type B Gen 1, 5 Gbit/s

PRODUCT DIMENSIONS

Product dimensions incl. base (WxHxD) mm	613.7 x 415.8~541.5 x 244.2
Product dimensions excl. base (WxHxD) mm	613.7 x 374.8 x 66.1
Packaging dimensions (WxHxD) mm	730 x 445 x 159
Gross weight incl. package (in kg)	10,65
Net weight excl. package (in kg)	7,05
Product without stand (kg)	5,13