

BECOME THE
ULTIMATE LEGEND

POWERED BY
AG456UCZD



G-MENU



LOW INPUT LAG



Elevate your gaming experience to unprecedented levels with the AGON PRO AG456UCZD. This remarkable curved monitor boasts an OLED panel, WQHD resolution (3440x1440), a lightning-fast 240Hz refresh rate, and an astonishing response time as minimum as 0.03 ms GtG. Immerse yourself in vivid HDR visuals, featuring a native 10-bit color depth of 1.07 billion colors, along with exceptional color gamut coverage of DCI-P3. AGON PRO 45" - where gaming reaches new heights.

- **USB-C**
- **Picture by Picture (PbP)**
- **Display Port**
- **HDMI**
- **Low Blue Light**
- **Speakers**

USB-C

Simplify the connections with one cable only. The USB-C connection provides DisplayPort Alternate Mode for transferring high-resolution video signals from a notebook to the monitor while simultaneously charging the notebook's battery from the monitor with USB power delivery. Additionally, the USB 3.1 ensures lightning-fast data transmission, so even transferring a 4K movie can be done in less than one minute.

PICTURE BY PICTURE (PBP)

Picture by Picture is a feature that allows you to make use of multiple sources (e.g. from your laptop and desktop PC) simultaneously and display them on the same screen. Its commanding overview gives you more control and boosts your efficiency both while streaming, working and playing considerably.

DISPLAY PORT

DisplayPort offers ultra-fast digital audio and video transmission without quality loss or input lag. Quickly and easily connect a range of devices to your screen, including your computer, laptop, media player, game console and more. It's perfect for professionals as well as the most demanding home users.

HDMI

HDMI (High-Definition Multimedia Interface) is supported by the current gaming consoles, current GPUs, set-top boxes, supporting the HDCP digital content protection system. HDMI 1.3-1.4b versions support up to 144 Hz refresh rate@1080p and 75 Hz@1440p, while HDMI 2.0-2.0b versions support 240Hz@1080p, 144Hz@1440p and 60 Hz@2160p (4K).

LOW BLUE LIGHT

AOC Lowblue Light protects you from harmful blue light which, during long sessions, has been shown to cause eye strain, headaches, and sleeping disorders. Our Lowblue Light feature reduces the harmful wavelengths emitted without sacrificing color composition, setting the experience free from the worry of eye damage.

SPEAKERS

Built-in speakers make it easy to catch up with family, friends and colleagues. For movies, music, games and more, you'll enjoy quality audio without the hassle of connecting external speakers.

GENERAL		VIDEO FEATURES		ERGONOMICS	
Model Name	AG456UCZD	Sync technology (VRR)	Adaptive Sync	Tilt	3° ±2° ~ 13° ±2°
Brand	AOC	NVIDIA G-SYNC™	NVIDIA G-SYNC Compatible	Height adjust (mm)	100mm
Channel	Gaming	AMD FreeSync™	AMD FreeSync Premium	Swivel	15° ±2° ~15° ±2°
Product line	AGON PRO				
Design family	AG6	Digital Signal Frequency Vertical	DP1.4/USBC: 48-240Hz , HDMI2.0: 48-100Hz	GAMING FEATURES	
Launch date (ETA)	3/1/2024	Digital Signal Frequency Horizontal	DP1.4/USBC: 30-385kHz , HDMI2.0: 30-160kHz	Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
EAN	4038986111416	HDR (High Dynamic Range)	HDR 10	Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
DISPLAY INFORMATION		Blue Light Technology	Anti Blue Light	Gaming convenience	G-menu
Screen size (inch)	44,5	Multiview (PbP, PiP)	PiP+PbP	PS5 Compatibility	2560x1440@120Hz
Screen size (cm)	113,0	Colour space (sRGB) CIE 1976 %	127,5	Xbox X Compatibility	2560x1440@120Hz
Flat / Curved	Curved	Colour space (DCI-P3) CIE 1976 %	98,5	Xbox S Compatibility	2560x1440@120Hz
Curvature Radius	800R	Colour space (Adobe RGB) CIE 1976 %	96,3	POWER CONSUMPTION	
Display hardness	3H	Flicker-Free	Flicker Free	Power supply	Internal
Panel treatment	Antiglare (AG)	CABINET INFORMATION		Power consumption on (typical) in watts	103,0
Pixels per Inch	93,2	Bezel Colour (front)	Black	Power consumption standby in watts	0,5
Panel resolution	3440x1440	Cabinet colour (backside)	Black	Power consumption off in watts	0,5
Aspect ratio	21:9	Cabinet finishing (backside)	Texture	Energy class	F
Panel type	OLED	Removable stand	Yes		
Max Refresh rate	240 Hz	Speaker power	8 W x 2		
Response time GtG	0.03 ms	Kensington Lock	Yes		
Static contrast ratio	150,000:1	Vesa wallmount	100x100		
Dynamic contrast ratio	80M:1				
Viewing angle (CR10)	178/178				
Display colours	1.07 Billion				
Brightness in nits	1000 cd/m2				

CONNECTIVITY INFORMATION		WHAT'S IN THE BOX	
HDMI	HDMI 2.0 x 2	HDMI cable	1x
DisplayPort	DisplayPort 1.4 x 1	Displayport cable	1x
USB Hub	Yes	USB-B upstream cable	1.8
USB type downstream	4 x USB-A	USB-C to C/A cable	1.5
USB fast charge port	Yes	Power Cable	Yes
Audio Output	Headphone out (3.5mm)	OTHER INFORMATION	
USB Type upstream	1x USB-C (DP Alt Mode), USB-C PD: 90W		
USB generation	USB 3.2 (Gen 1)		
PRODUCT DIMENSIONS (METRIC)		Warranty period	3 years

Product dimensions incl. base (WxHxD) mm	992.2 x 509-609 x 359.2
Product dimensions excl. base (WxHxD) mm	992.2 x 457 x 219.8
Packaging dimensions (WxHxD) mm	1130 x578 x 400
Gross weight incl. package (in kg)	19,21
Product with stand (kg)	13,35
Product without stand (kg)	11,35