



## AG456UCZD

**Elevate your Gaming Experience with AGON PRO AG456UCZD: OLED brilliance, WQHD clarity, 240Hz speed, 800R curvature, and HDR. Splendor all in one**

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.

GENERAL	
Model Name	AG456UCZD
Brand	AOC
Channel	Gaming
Product type	Monitor
Product line	AGON PRO
Design family	AG6
Classification	Mainstream
Launch date (ETA)	2024-03-01T14:51:00

## GAMING FEATURES

Gaming style	Shooters, MMORPG, Action, eSports, RTS, Beat'm up, Racing
Game mode	RTS, FPS, Racing, Gamer 1, Gamer 2, Off
Gaming convenience	G-menu
Low Input Lag	Yes
Game Colour	Yes
Shadow Control	Yes
Crosshair / Dial Point	Yes
Frame Counter	Yes
Quick Switch	Yes
Good for Console Gaming	Yes
Console Compatibility	2560x1440@120Hz

## OTHER INFORMATION

EAN	4038986111416
OSD languages	English, Ukranian, Turkish, Polish, German, Portuguese, Spanish, French, Finnish, Korean, Japanese, Chinese (simplified), Chinese (traditional), Swedish, Dutch, Italian, Kroatian, Russian, Czech
Warranty period	3 years
Firmware Update (OTA) Support	Yes
Accessory box	Yes
OSD type	AGON

DISPLAY INFORMATION	
Screen size (inch)	44.5
Screen size (cm)	113
Flat / Curved	Curved
Curvature Radius	800R
Display hardness	3H
Panel treatment	Antiglare (AG)
Pixels per Inch	93.2
Panel resolution	3440x1440
Resolution name	QHD
Aspect ratio	21:9
Panel type	OLED
Backlight type	WLED
Max Refresh rate	240 Hz
Response time GtG	0.03 ms
Static contrast ratio	150,000:1
Dynamic contrast ratio	80M:1
Viewing angle (CR10)	178/178
Display colours	1.07 Billion
Brightness in nits	1000 cd/m2
OD Response (typical)	0.03 ms GtG
Panel Haze Value	35%
Support 1:1 function	Yes

## VIDEO FEATURES

Sync technology (VRR)	G-SYNC Compatible + Adaptive Sync
G-Sync compatible	Yes
Sync range	48-240
Digital Signal Frequency Vertical	DP1.4/USBC: 48-240Hz , HDMI2.0: 48-100Hz
Digital Signal Frequency Horizontal	DP1.4/USBC: 30-385kHz , HDMI2.0: 30-160kHz
HDR (High Dynamic Range)	HDR 10
Blue Light Technology	Anti Blue Light
Multiview (PbP, PiP)	PiP+PbP
Colour space (sRGB) CIE 1976 %	127.5
Colour space (DCI-P3) CIE 1976 %	98.5
Colour space (Adobe RGB) CIE 1976 %	96.3
Flicker-Free	Flicker Free
Delta E<2 (sRGB)	Delta E<2 (sRGB)

## CABINET INFORMATION

Bezel type (front)	4-sided frameless
Bezel Colour (front)	Black
Bezel finishing (front)	Texture
Cabinet colour (backside)	Black
Cabinet finishing (backside)	Texture
Light FX (RGB)	Yes
Removable stand	Yes
Speakers	Yes
Speaker power	8 W x 2
Kensington Lock	Yes
Vesa wallmount	100x100
Stand screw spec	M8 x L32
VESA Mount Support	Yes

## ERGONOMIC INFORMATION

Tilt	3° ±2° ~ 13° ±2°
Height adjust (mm)	100mm
Swivel	15° ±2° ~ 15° ±2°

## CONNECTIVITY INFORMATION

HDMI	HDMI 2.0 x 2
Display Port	DisplayPort 1.4 x 1
USB-C connectivity	USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 90 W)
USB Hub	Yes
USB Hub speed	USB 3.2 (Gen 1)
USB downstream ports	4
USB fast charge port	Yes
Audio Output	Headphone out (3.5mm)

## POWER CONSUMPTION

Power supply	Internal
Power consumption on (typical) in watts	103
Power consumption standby in watts	0.5
Power consumption off in watts	0.5

## PRODUCT DIMENSIONS

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 x 578 x 400
Gross weight incl. package (in kg)	19.21
Net weight excl. package (in kg)	13.35
Product without stand (kg)	11.35

## WHAT'S IN THE BOX

HDMI cable	1x
Displayport cable	1x
USB-B upstream cable	1.8
USB-C to C/A cable	1.5
Power Cable	Yes

## MAXIMUM RESOLUTION BY CONNECTOR

Optimal Resolution DP	3440x1440@240Hz
Optimal Resolution HDMI	3440x1440@100Hz
Optimal Resolution USB-C	3440x1440@240Hz