



# AOC AGON PRO AG456UCZD LED display 114.3 cm (45") 3440 x 1440 pixels Wide Quad HD OLED Black

Brand : AOC

Product family: AGON PRO

Product code: AG456UCZD

Product name : AG456UCZD

Screen size (inch) 44.5, Panel resolution 3440x1440, Refresh rate 240 Hz, Panel type OLED, USB-C connectivity USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 90 W), HDMI HDMI 2.0 x 2, Display Port DisplayPort 1.4 x 1, Sync technology (VRR) G-SYNC Compatible + Adaptive Sync

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## 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.



Display		Ports & interfaces	
Display diagonal *	114.3 cm (45")	USB Type-C DisplayPort Alternate Mode	✓
Display resolution *	3440 x 1440 pixels	USB Power Delivery (USB PD)	✓
HD type *	Wide Quad HD	USB Power Delivery up to	90 W
Native aspect ratio *	21:9	HDMI *	✓
Display technology *	OLED	HDMI ports quantity	2
Panel type *	OLED	HDMI version	2.0
LED backlight	✓	DisplayPorts quantity	1
Backlight type	W-LED	DisplayPort version	1.4
Touchscreen *	✗	Headphone out *	✓
Response time *	0.03 ms	Headphone outputs	1
Anti-glare screen	✓	Built-in KVM switch	✓
Screen shape *	Curved	Charging port type	USB Type-C + USB Type-A
Screen curvature rating	800R	AC (power) in	✓
Contrast ratio (typical) *	1200:1	Ergonomics	
Contrast ratio (dynamic)	80000000:1	VESA mounting *	✓
Maximum refresh rate *	240 Hz	Panel mounting interface	100 x 100 mm
Viewing angle, horizontal	178°	Height adjustment *	✓
Viewing angle, vertical	178°	Height adjustment	10 cm
Display number of colours *	1.07 billion colours	Swivelling	✓
Pixel pitch	0.303 x 0.303 mm	Swivel angle range	-15 - 15°
Horizontal scan range	30 - 385 kHz	Tilt adjustment	✓
Vertical scan range	48 - 240 Hz	Tilt angle range	-5 - 15°
Viewable size, horizontal	104.3 cm	Picture-in-Picture	✓
Viewable size, vertical	43.6 cm	On Screen Display (OSD)	✓
Display diagonal (metric)	113 cm	Plug and Play	✓
High Dynamic Range (HDR) supported	✓	LED indicators	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Power	
DDC/CI	✓	Power consumption (typical) *	310 W
Surface hardness	3H	Power consumption (standby) *	0.5 W
Colour gamut standard	DCI-P3		
Colour gamut	98.5%		

<b>Performance</b>		<b>Power</b>	
NVIDIA G-SYNC *	✓	Power consumption (off)	0.5 W
NVIDIA G-SYNC type	G-SYNC Compatible	AC input voltage	100 - 240 V
AMD FreeSync *	✓	AC input frequency	50/60 Hz
AMD FreeSync type	FreeSync Premium	Input current	3.5 A
Fast charging	✓	Power supply type	Internal
Fast charging technology	Power Delivery 3.0	<b>Operational conditions</b>	
Low Blue Light technology	✓	Operating temperature (T-T)	0 - 40 °C
<b>Multimedia</b>		Storage temperature (T-T)	-25 - 55 °C
Built-in speaker(s) *	✓	Operating relative humidity (H-H)	10 - 85%
<b>Design</b>		Storage relative humidity (H-H)	5 - 93%
Market positioning *	Gaming	Operating altitude	0 - 5000 m
Product colour *	Black	Non-operating altitude	0 - 12192 m
Frameless design	✓	<b>Weight &amp; dimensions</b>	
Front bezel colour	Black	Weight (with stand)	13.3 kg
Detachable stand	✓	Weight (without stand)	11.3 kg
Feet colour	Black	<b>Packaging data</b>	
<b>Ports &amp; interfaces</b>		Package weight	19.2 kg
Built-in USB hub *	✓	Package type	Box
USB hub version	3.2 Gen 1 (3.1 Gen 1)	<b>Packaging content</b>	
USB upstream port type	USB Type-B, USB Type-C	Stand included	✓
Number of upstream ports	2	Cables included	AC
Number of USB Type-B upstream ports quantity	1	Remote control included	✓
Number of USB Type-C upstream ports quantity	1	Remote control batteries included	✓
USB Type-A downstream ports quantity	4	Screws included	✓
USB Type-C downstream ports quantity	1	Quick start guide	✓
		<b>Other features</b>	
		Low input lag	✓
		Picture-by-Picture (PbP)	✓
		Exterior finish type	Textured
		Bezel thickness type	Frameless
		Warranty period	3 year(s)



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