AOC

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

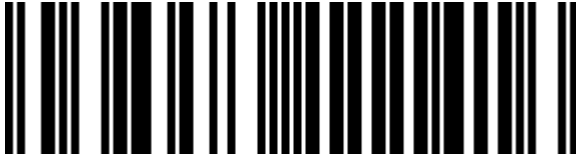AOC AGON PRO AG456UCZD LED display 114.3 cm (45") 3440 x 1440 pixels Wide Quad HD OLED Black:

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

Display diagonal *	114.3 cm (45")
Display resolution *	3440 x 1440 pixels
HD type *	Wide Quad HD
Native aspect ratio *	21:9
Display technology *	OLED
Panel type *	OLED
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Response time	0.03 ms
Anti-glare screen	✔
Screen shape *	Curved
Screen curvature rating	800R
Contrast ratio (typical) *	1200:1
Contrast ratio (dynamic)	80000000:1
Maximum refresh rate *	240 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.303 x 0.303 mm
Horizontal scan range	30 - 385 kHz
Vertical scan range	48 - 240 Hz
Viewable size, horizontal	104.3 cm
Viewable size, vertical	43.6 cm
Display diagonal (metric)	113 cm
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	✔
Surface hardness	3H
Colour gamut standard	DCI-P3
Colour gamut	98.5%

Performance

NVIDIA G-SYNC *	✔
NVIDIA G-SYNC type	G-SYNC Compatible
AMD FreeSync *	✔

Ports & interfaces

USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out *	✔
Headphone outputs	1
Built-in KVM switch	✔
Charging port type	USB Type-C + USB Type-A
AC (power) in	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Height adjustment *	✔
Height adjustment	10 cm
Swivelling	✔
Swivel angle range	-15 - 15°
Tilt adjustment	✔
Tilt angle range	-5 - 15°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
Plug and Play	✔
LED indicators	✔

Power

Power consumption (typical) *	310 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.5 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Input current	3.5 A
Power supply type	Internal

Performance

AMD FreeSync type	FreeSync Premium
Fast charging	✔
Fast charging technology	Power Delivery 3.0
Low Blue Light technology	✔
Low input lag	✔

Multimedia

Built-in speaker(s) *	✔

Design

Market positioning *	Gaming
Product colour *	Black
Frameless design	✔
Front bezel colour	Black
Detachable stand	✔
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-B, USB Type-C
Number of upstream ports	2
Number of USB Type-B upstream ports quantity	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-25 - 55 °C
Operating relative humidity (H-H)	10 - 85%
Storage relative humidity (H-H)	5 - 93%
Operating altitude	0 - 5000 m
Non-operating altitude	0 - 12192 m

Packaging content

Stand included	✔
Cables included	AC
Remote control included	✔
Remote control batteries included	✔
Screws included	✔
Quick start guide	✔

Weight & dimensions

Weight (with stand)	13.3 kg
Weight (without stand)	11.3 kg

Packaging data

Package weight	19.2 kg
Package type	Box

Technical details

Warranty period	3 year(s)

Other features

Picture-by-Picture (PbP)	✔
Exterior finish type	Textured
Bezel thickness type	Frameless
Anti-Blue-Light technology	✔

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