



AOC B2 AG493UCX2 computer monitor 124 cm (48.8") 5120 x 1440 pixels Quad HD LED Black

Brand : AOC

Product family: B2

Product code: AG493UCX2

Product name : AG493UCX2

Screen size (inch) 48.8, Panel resolution 5120x1440, Refresh rate 165 Hz, Response time MPRT 1 ms, Panel type VA, USB-C connectivity USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 65 W), HDMI HDMI 2.0 x 3, Display Port DisplayPort 1.4 x 1, Sync technology (VRR) FreeSync Premium Pro



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49" curved monitor with DQHD, 165Hz refresh rate, HDR400 and FreeSync Premium Pro

Double the in-game immersion with the curved AG493UCX2: thanks to the vast screen space of 49" (32:9) and a stunning Dual-QHD 5k resolution, you face a razor-sharp image whichever way you look. A gushing refresh rate of 165Hz and FreeSync Premium Pro ensure the smoothest images for even more realism.



Display		Ports & interfaces	
Display diagonal *	124 cm (48.8")	DisplayPort version	1.4
Display resolution *	5120 x 1440 pixels	Headphone out *	✓
HD type *	Quad HD	Headphone outputs	1
Native aspect ratio *	32:9	Headphone connectivity	3.5 mm
Display technology *	LED	Built-in KVM switch	✓
Panel type *	VA	Ergonomics	
Backlight type	W-LED	VESA mounting *	✓
Touchscreen *	✗	Panel mounting interface	100 x 100 mm
Display brightness (typical)	400 cd/m²	Cable lock slot *	✓
Response time *	1 ms	Cable lock slot type	Kensington
Display surface	Matt	Height adjustment *	✓
Anti-glare screen	✓	Height adjustment	10 cm
Screen shape *	Curved	Pivot	✗
Screen curvature rating	1800R	Swivelling	✓
Supported video modes	1440p	Swivel angle range	15.5 - 15.5°
Aspect ratio	16:9, 21:9, 32:9	Tilt adjustment	✓
Contrast ratio (typical) *	3000:1	Tilt angle range	3.5 - 13.5°
Contrast ratio (dynamic)	80000000:1	On Screen Display (OSD)	✓
Maximum refresh rate *	165 Hz	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Croatian, Czech, German, Dutch, English, Spanish, Finnish, French, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°	Number of OSD languages	19
Display number of colours *	16.7 million colours	Power	
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (SDR) *	G
Pixel density	109 ppi	Energy efficiency class (HDR) *	G
Viewable size, horizontal	119.3 cm	Energy consumption (SDR) per 1000 hours *	55 kWh
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	124 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	DisplayHDR 400		

Display		Power	
Surface hardness	3H	Energy consumption (HDR) per 1000 hours *	105 kWh
Colour gamut standard	sRGB	Power consumption (typical) *	68 W
sRGB coverage (typical)	122%	Power consumption (standby) *	0.5 W
NTSC coverage (typical)	100%	Power consumption (off)	0.5 W
Adobe RGB coverage	98%	AC input voltage	100 - 240 V
DCI-P3 coverage	91%	AC input frequency	50 - 60 Hz
Performance		Energy efficiency scale	A to G
NVIDIA G-SYNC *	✓	European Product Registry for Energy Labelling (EPREL) code	689000
NVIDIA G-SYNC type	G-SYNC Compatible	External power adapter	✓
AMD FreeSync *	✓	Operational conditions	
AMD FreeSync type	FreeSync Premium Pro	Operating temperature (T-T)	0 - 40 °C
AMD FreeSync refresh rate range	48 - 165 Hz	Storage temperature (T-T)	-25 - 55 °C
Fast charging	✓	Operating relative humidity (H-H)	10 - 85%
Flicker-free technology	✓	Storage relative humidity (H-H)	5 - 93%
Low Blue Light technology	✓	Weight & dimensions	
Game mode	✓	Width (with stand)	1194.4 mm
Multimedia		Depth (with stand)	308 mm
Number of speakers	2	Height (with stand)	567.6 mm
RMS rated power	5 W	Weight (with stand)	14.4 kg
Built-in speaker(s) *	✓	Width (without stand)	1194.4 mm
Built-in camera *	✗	Depth (without stand)	153.2 mm
Design		Height (without stand)	369.4 mm
Market positioning *	Gaming	Packaging data	
Product colour *	Black	Package width	1308 mm
Frameless design	✓	Package depth	553 mm
Front bezel colour	Black	Package height	420 mm
Detachable stand	✓	Package weight	20.8 kg
Feet colour	Black, Red	Package type	Box
Ports & interfaces		USB cable length	1.8 m
Built-in USB hub *	✓	Packaging content	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Stand included	✓
Number of USB Type-C upstream ports quantity	1	Cables included	DisplayPort, HDMI
USB Type-A downstream ports quantity	3	Power adapter included	✓
USB Type-C DisplayPort Alternate Mode	✓	Remote control included	✓
USB Power Delivery (USB PD)	✓	DisplayPort cable length	1.8 m
USB Power Delivery up to	65 W	HDMI cable length	1.8 m
HDMI *	✓	Other features	
HDMI ports quantity	3	Picture-by-Picture (PbP)	✓
HDMI version	2.0	Exterior finish type	Textured
DisplayPorts quantity	1	Compliance certificates	WEEE
		Light effects	✗
		Certification	ISO 9241-307
Logistics data			
		Harmonized System (HS) code	85285210



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