



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/m ²	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°	Number of OSD languages	19
Viewing angle, vertical	178°	Power	
Display number of colours *	16.7 million colours	Energy efficiency class (SDR) *	G
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (HDR) *	G
Pixel density	109 ppi	Energy consumption (SDR) per 1000 hours *	55 kWh
Viewable size, horizontal	119.3 cm	Energy consumption (HDR) per 1000 hours *	105 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	Power consumption (typical) *	68 W
Colour gamut standard	sRGB	Power consumption (standby) *	0.5 W
sRGB coverage (typical)	122%	Power consumption (off)	0.5 W
NTSC coverage (typical)	100%	AC input voltage	100 - 240 V
Adobe RGB coverage	98%	AC input frequency	50 - 60 Hz
DCI-P3 coverage	91%	Energy efficiency scale	A to G
Performance		European Product Registry for Energy Labelling (EPREL) code	689000
NVIDIA G-SYNC *	✓	External power adapter	✓
NVIDIA G-SYNC type	G-SYNC Compatible	Operational conditions	
AMD FreeSync *	✓	Operating temperature (T-T)	0 - 40 °C
AMD FreeSync type	FreeSync Premium Pro	Storage temperature (T-T)	-25 - 55 °C
AMD FreeSync refresh rate range	48 - 165 Hz	Operating relative humidity (H-H)	10 - 85%
Fast charging	✓	Storage relative humidity (H-H)	5 - 93%
Flicker-free technology	✓	Weight & dimensions	
Low Blue Light technology	✓	Width (with stand)	1194.4 mm
Game mode	✓	Depth (with stand)	308 mm
Multimedia		Height (with stand)	567.6 mm
Number of speakers	2	Weight (with stand)	14.4 kg
RMS rated power	5 W	Width (without stand)	1194.4 mm
Built-in speaker(s) *	✓	Depth (without stand)	153.2 mm
Built-in camera *	✗	Height (without stand)	369.4 mm
Design		Packaging data	
Market positioning *	Gaming	Package width	1308 mm
Product colour *	Black	Package depth	553 mm
Frameless design	✓	Package height	420 mm
Front bezel colour	Black	Package weight	20.8 kg
Detachable stand	✓	Package type	Box
Feet colour	Black, Red	USB cable length	1.8 m
Ports & interfaces		Packaging content	
Built-in USB hub *	✓	Stand included	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Cables included	DisplayPort, HDMI
Number of USB Type-C upstream ports quantity	1	Power adapter included	✓
USB Type-A downstream ports quantity	3	Remote control included	✓
USB Type-C DisplayPort Alternate Mode	✓	DisplayPort cable length	1.8 m
USB Power Delivery (USB PD)	✓	HDMI cable length	1.8 m
USB Power Delivery up to	65 W	Other features	
HDMI *	✓	Picture-by-Picture (PbP)	✓
HDMI ports quantity	3	Exterior finish type	Textured
HDMI version	2.0	Compliance certificates	WEEE
DisplayPorts quantity	1	Light effects	✗
		Certification	ISO 9241-307
		Logistics data	
		Harmonized System (HS) code	85285210



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