



AOC B3 Q27B3CF2/23 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD Black

Brand : AOC

Product family: B3

Product code: Q27B3CF2/23

Product name : Q27B3CF2/23

Screen size (inch) 27, Panel resolution 2560x1440, Max Refresh rate 100 Hz, Response time MPRT 1 ms, Panel type IPS, USB-C connectivity USB-C 3.2 x 1 (DP alt mode, upstream, power delivery up to 65 W), HDMI HDMI 2.0 x 1, D-SUB (VGA) 0x, DVI 0x, Sync technology (VRR) Adaptive Sync
AOC B3 Q27B3CF2/23. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Response time: 14 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	USB Power Delivery up to	65 W
Display resolution *	2560 x 1440 pixels	DVI port	✗
HD type *	Quad HD	HDMI *	✓
Native aspect ratio *	16:9	HDMI ports quantity	1
Panel type *	IPS	HDMI version	2.0
LED backlight	✓	Audio input	✗
Backlight type	W-LED	Headphone out *	✓
Touchscreen *	✗	Headphone outputs	1
Display brightness (typical)	350 cd/m ²	Headphone connectivity	3.5 mm
Response time *	14 ms	Microphone in	✗
Response time measurement type	GTG (Gray to Gray)	Built-in KVM switch	✗
Response time (MPRT)	1 ms	HDCP	✓
Anti-glare screen	✓	HDCP version	2.2
Screen shape *	Flat	AC (power) in	✓
Contrast ratio (typical) *	1500:1	Mobile High-Definition Link (MHL)	✗
Contrast ratio (dynamic)	20000000:1		
Maximum refresh rate *	100 Hz	Network	
Viewing angle, horizontal	178°	Ethernet LAN	✗
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours	Ergonomics	
Pixel pitch	0.2331 x 0.2331 mm	VESA mounting *	✓
Pixel density	109 ppi	Panel mounting interface	100 x 100 mm
Horizontal scan range	30 - 115 kHz	Cable lock slot *	✓
Vertical scan range	48 - 100 Hz	Cable lock slot type	Kensington
Digital vertical frequency	48 - 100 Hz	Height adjustment *	✓
Display diagonal (metric)	68.6 cm	Adjustable height (max)	11 cm
High Dynamic Range (HDR) supported	✓	Pivot	✗
DDC/CI	✓	Swivelling	✗
Haze rate	25%	Tilt adjustment	✓
Surface hardness	3H	Tilt angle range	-5 - 25°

Display		Ergonomics	
Colour gamut standard	sRGB	Plug and Play	✓
Colour gamut	99%	LED indicators	Operation, Stand-by
sRGB coverage (typical)	120.8%	Power	
NTSC coverage (typical)	105.3%	Power consumption (typical) *	35 W
Adobe RGB coverage	103.5%	Power consumption (standby) *	0.5 W
BT.2020 coverage	70.1%	Power consumption (max)	135 W
DCI-P3 coverage	96.2%	Power consumption (off)	0.3 W
Performance		AC input voltage	100 - 240 V
VESA Adaptive Sync support	✓	AC input frequency	50/60 Hz
Flicker-free technology	✓	Power supply type	Internal
Low Blue Light technology	✓	Weight & dimensions	
Multimedia		Width (with stand)	616.6 mm
Number of speakers	2	Depth (with stand)	229.8 mm
RMS rated power	4 W	Height (with stand)	508.6 mm
Built-in speaker(s) *	✓	Weight (with stand)	5.51 kg
Built-in microphone	✗	Width (without stand)	616.6 mm
Built-in camera *	✗	Depth (without stand)	356.7 mm
Design		Height (without stand)	45.6 mm
Market positioning *	Home	Weight (without stand)	3.97 kg
Product colour *	Black	Packaging data	
Front bezel colour	Black	Package width	820 mm
Detachable stand	✓	Package depth	481 mm
Ports & interfaces		Package height	162 mm
Built-in USB hub *	✓	Package weight	8.62 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package type	Box
USB Type-A downstream ports quantity	2	Packaging content	
USB Type-C downstream ports quantity	1	Stand included	✓
USB Type-C DisplayPort Alternate Mode	✓	Cables included	AC, HDMI, USB Type-C
USB Power Delivery (USB PD)	✓	HDMI cable length	1.5 m
		Other features	
		Low input lag	✗
		Compatible operating systems	Windows 8.1/10/11, MacOS
		Local dimming	✓
		Bezel thickness type	Ultra Narrow
		Mean time between failures (MTBF)	30000 h



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