



## AOC B3 27B3HMA2 LED display 68.6 cm (27") 1920 x 1080 pixels Full HD LCD Black

**Brand :** AOC

**Product family:** B3

**Product code:** 27B3HMA2

**Product name :** 27B3HMA2

Screen size (inch) 27, Panel resolution 1920x1080, Refresh rate 100 Hz, Response time MPRT 1 ms, Panel type VA, HDMI HDMI 1.4 x 1, D-SUB (VGA) 1x, DVI 0x, Sync technology (VRR) Adaptive Sync AOC B3 27B3HMA2. Display diagonal: 68.6 cm (27"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	VGA (D-Sub) ports quantity	1
Display resolution *	1920 x 1080 pixels	HDMI *	✓
HD type *	Full HD	HDMI ports quantity	1
Native aspect ratio *	16:9	HDMI version	1.4
Display technology *	LCD	Headphone out *	✓
Panel type *	VA	Headphone outputs	1
LED backlight	✓	Headphone connectivity	3.5 mm
Backlight type	W-LED	HDCP	✓
Touchscreen *	✗	HDCP version	1.4
Display brightness (typical)	250 cd/m²	AC (power) in	✓
Response time *	1 ms	<b>Ergonomics</b>	
Anti-glare screen	✓	VESA mounting *	✓
Screen shape *	Flat	Panel mounting interface	100 x 100 mm
Contrast ratio (typical) *	4000:1	Cable lock slot *	✓
Contrast ratio (dynamic)	20000000:1	Cable lock slot type	Kensington
Maximum refresh rate *	100 Hz	Height adjustment *	✗
Viewing angle, horizontal	178°	Tilt adjustment	✓
Viewing angle, vertical	178°	Tilt angle range	-5 - 23°
Display number of colours *	16.7 million colours	On Screen Display (OSD)	✓
Pixel pitch	0.3114 x 0.3114 mm	Plug and Play	✓
Pixel density	82 ppi	LED indicators	Operation, Stand-by
Horizontal scan range	30 - 115 kHz	<b>Power</b>	
Vertical scan range	48 - 100 Hz	Power consumption (typical) *	23 W
Viewable size, horizontal	59.8 cm	Power consumption (standby) *	0.5 W
Viewable size, vertical	33.6 cm	Power consumption (max)	35 W
Display diagonal (metric)	68.6 cm	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
DDC/CI	✓	AC input frequency	50/60 Hz
sRGB coverage (typical)	101.5%	Input current	1.5 A
NTSC coverage (typical)	84.1%	Power supply type	Internal
Adobe RGB coverage	82.7%		
BT.2020 coverage	56%		

Performance		Operational conditions	
VESA Adaptive Sync support	✓	Operating temperature (T-T)	0 - 40 °C
Flicker-free technology	✓	Storage temperature (T-T)	-25 - 55 °C
Game mode	✓	Operating relative humidity (H-H)	10 - 85%
Multimedia		Storage relative humidity (H-H)	5 - 93%
Number of speakers	2	Operating altitude	0 - 5000 m
RMS rated power	4 W	Non-operating altitude	0 - 12192 m
Built-in speaker(s) *	✓	Packaging data	
Built-in camera *	✗	Package type	Box
Design		Packaging content	
Market positioning *	Home	Stand included	✓
Product colour *	Black	Cables included	AC
Frameless design	✓	Quick start guide	✓
Front bezel colour	Black	Other features	
Feet colour	Black	FPS counter	✓
Ports & interfaces		Dial point	✓
Built-in USB hub *	✗	Shadow control	✓
		Motion blur reduction	✓
		Compatible operating systems	Windows 8.1/10/11, MacOS



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