

Philips 27B2N3500J/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K LCD Black

Brand : Philips

Product code: 27B2N3500J/00

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Business Monitor 27B2N3500J LCD monitor

Philips 27B2N3500J/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K LCD Black:

Speed through daily tasks in comfort with this monitor's SoftBlue technology, Quad HD resolution, and 120Hz refresh rate. Not to mention, SmartErgoBase adds an ergonomic touch to the monitor's feature list.

Philips 27B2N3500J/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K, Display technology: LCD, Response time: 4 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")	Audio output	✓
Display resolution *	2560 x 1440 pixels	HDCP	✓
HD type *	2K	HDCP version	1.4/2.2
Native aspect ratio *	16:9	Ergonomics	
Display technology *	LCD	VESA mounting *	✓
Panel type *	IPS	Panel mounting interface	100 x 100 mm
LED backlight	✓	Cable lock slot *	✓
Backlight type	W-LED	Cable lock slot type	Kensington
Touchscreen *	✗	Height adjustment *	✓
Display brightness (typical)	350 cd/m²	Adjustable height (max)	15 cm
Response time *	4 ms	Pivot	✓
Response time measurement type	GTG (Gray to Gray)	Pivot angle	-90 - 90°
Anti-glare screen	✓	Swivelling	✓
Screen shape *	Flat	Swivel angle range	-180 - 180°
Supported graphics resolutions	2560 x 1440	Tilt adjustment	✓
Supported video modes	1440p	Tilt angle range	-5 - 30°
Contrast ratio (typical) *	1500:1	On Screen Display (OSD)	✓
Contrast ratio (dynamic)	50000000:1	Number of OSD languages	21
Maximum refresh rate *	120 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	✓
Viewing angle, vertical	178°	Power	
Display number of colours *	16.7 million colours	Energy efficiency class (SDR) *	D
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (HDR) *	Not available
Pixel density	109 ppi	Energy consumption (SDR) per 1000 hours *	16 kWh
Horizontal scan range	30 - 190 kHz	Power consumption (typical) *	11.28 W
Vertical scan range	48 - 120 Hz	Power consumption (standby) *	0.5 W
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.6 cm		

Display		Power	
DDC/CI	✓	Power consumption (off)	0.3 W
Haze rate	25%	AC input voltage	100 - 240 V
Surface hardness	3H	AC input frequency	50/60 Hz
sRGB coverage (typical)	125%	Power supply type	Internal
NTSC coverage (typical)	114%	Operational conditions	
Performance		Operating temperature (T-T)	0 - 40 °C
NVIDIA G-SYNC *	✗	Storage temperature (T-T)	-20 - 60 °C
AMD FreeSync *	✗	Operating relative humidity (H-H)	20 - 80%
Flicker-free technology	✓	Operating altitude	0 - 3658 m
Low Blue Light technology	✓	Non-operating altitude	0 - 12192 m
Multimedia		Weight & dimensions	
Number of speakers	2	Width (with stand)	615 mm
RMS rated power	4 W	Depth (with stand)	146 mm
Built-in speaker(s) *	✓	Height (with stand)	539 mm
Design		Weight (with stand)	6.23 kg
Market positioning *	Business	Width (without stand)	615 mm
Product colour *	Black	Depth (without stand)	46 mm
Front bezel colour	Black	Height (without stand)	361 mm
Feet colour	Black	Weight (without stand)	4.56 kg
Ports & interfaces		Packaging data	
Built-in USB hub *	✓	Package width	730 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package depth	139 mm
Number of USB Type-B upstream ports quantity	1	Package height	445 mm
USB Type-A downstream ports quantity	4	Package weight	9.12 kg
HDMI *	✓	Packaging content	
HDMI ports quantity	2	Stand included	✓
HDMI version	2.0	Cables included	DisplayPort, HDMI, Power
DisplayPorts quantity	1	Manual	✓
DisplayPort version	1.2	Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT
		Doesn't contain	PVC/BFR
		Other features	
		Compliance certificates	CB



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