

Philips 27B2N3500JH computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : Philips

Product code: 27B2N3500JH/00

Product name : 27B2N3500JH

Business Monitor 27B2N3500JH LCD monitor

Philips 27B2N3500JH computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

Speed through daily tasks in comfort with this monitor's SoftBlue technology and 120 Hz refresh rate. Productivity-enhancing features like USB-C and the adjustable webcam with Windows Hello deliver the performance and convenience you expect.

Philips 27B2N3500JH. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, 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		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	Quad HD	Wall mountable	✓
Native aspect ratio *	16:9	Cable management	✓
Display technology *	LCD	Cable lock slot *	✓
Panel type *	IPS	Cable lock slot type	Kensington
LED backlight	✓	Height adjustment *	✓
Backlight type	W-LED	Adjustable height (max)	15 cm
Touchscreen *	✗	Pivot	✓
Display brightness (typical)	350 cd/m²	Pivot angle	-90 - 90°
Response time *	4 ms	Swivelling	✓
Response time measurement type	GTG (Gray to Gray)	Swivel angle range	-180 - 180°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-5 - 30°
Supported graphics resolutions	2560 x 1440	On Screen Display (OSD)	✓
Supported video modes	1440p	On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Contrast ratio (typical) *	1500:1		
Contrast ratio (dynamic)	50000000:1		
Maximum refresh rate *	120 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	✓
Display number of colours *	16.7 million colours	Power	
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (SDR) *	D
Pixel density	109 ppi	Energy consumption (SDR) per 1000 hours *	16 kWh
Horizontal scan range	30 - 190 kHz		
Vertical scan range	48 - 120 Hz		
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.5 cm		

Display		Power	
DDC/CI	✓	Power consumption (typical) *	21.7 W
Haze rate	25%	Power consumption (standby) *	0.3 W
Surface hardness	3H	Power consumption (off)	0.3 W
Colour depth	8 bit	Power consumption (PowerSave)	16.9 W
Colour gamut standard	sRGB, NTSC	AC input voltage	100 - 240 V
sRGB coverage (typical)	108%	AC input frequency	50/60 Hz
NTSC coverage (typical)	97%	Power supply type	Internal
Display sRGB	✓	Energy efficiency scale	A to G
Display panel size	27 inch/68.5 cm	Operational conditions	
Performance		Operating temperature (T-T)	0 - 40 °C
VESA Adaptive Sync support	✓	Storage temperature (T-T)	-20 - 60 °C
Component video sync	Separate Sync	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)	229 mm
Built-in speaker(s) *	✓	Height (with stand)	540 mm
Megapixel (approx.)	5 MP	Weight (with stand)	6.36 kg
Built-in microphone	✓	Width (without stand)	615 mm
Built-in camera *	✓	Depth (without stand)	46 mm
Design		Height (without stand)	361 mm
Market positioning *	Business	Weight (without stand)	4.7 kg
Product colour *	Black	Packaging data	
Front bezel colour	Black	Package width	730 mm
Feet colour	Black	Package depth	139 mm
Ports & interfaces		Package height	445 mm
Built-in USB hub *	✓	Package weight	9.25 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Packaging content	
USB upstream port type	USB Type-B	Stand included	✓
Number of upstream ports	1	Manual	✓
Number of USB Type-B upstream ports quantity	1	Bundled software	SmartControl
USB Type-A downstream ports quantity	4	Sustainability	
USB Type-C downstream ports quantity	1	Sustainability certificates	ENERGY STAR, EPEAT
HDMI *	✓	Doesn't contain	PVC/BFR
HDMI ports quantity	2	Other features	
HDMI version	2.1	Compatible operating systems	Mac OS; Windows 11 / 10
DisplayPorts quantity	1	Exterior finish type	Textured
DisplayPort version	1.2	Monitor sync input signal	Separate Sync; Sync on Green
Audio output	✓	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
HDCP	✓	Picture enhancement	SmartImage
HDCP version	2.3	Regulatory Approvals	CB; CE Mark; TUV/GS; TUV Ergo; TCO Certified; EAC; EAC ROHS; MEPS; BSMI; UKCA; EMF; FCC; TÜV Rheinland Low Blue Light (Hardware Solution); eyesafe® CERTIFIED 2.0
		SoftBlue	✓
		EasyRead mode	✓
		Compliance certificates	CB
		Recycling data	
		Packaging recyclability rate	100%
		Product post-consumer recycled plastic	85%



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