

Philips 3000 series 24B2N3200J/27 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 3000 series

Product code: 24B2N3200J/27

Product name :
24B2N3200J/27

Business Monitor 24B2N3200J LCD monitor

Philips 3000 series 24B2N3200J/27 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black:

This monitor delivers business efficiency. Not only is it equipped with essential features, but it also has ones that stand out like its 120 Hz refresh rate, SoftBlue, Flicker-Free, VESA mount and more. Philips 3000 series 24B2N3200J/27. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full 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 *	60.5 cm (23.8")	Panel mounting interface	100 x 100 mm
Display resolution *	1920 x 1080 pixels	Cable lock slot *	✓
HD type *	Full HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LCD	Adjustable height (max)	15 cm
Panel type *	IPS	Pivot	✓
LED backlight	✓	Pivot angle	-90 - 90°
Backlight type	W-LED	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-180 - 180°
Display brightness (typical)	300 cd/m²	Tilt adjustment	✓
Response time *	4 ms	Tilt angle range	-5 - 30°
Response time measurement type	GTG (Gray to Gray)	On Screen Display (OSD)	✓
Anti-glare screen	✓	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
Screen shape *	Flat		
Contrast ratio (typical) *	1500:1		
Contrast ratio (dynamic)	5000000:1	Number of OSD languages	21
Dynamic contrast ratio marketing name	SmartContrast	Plug and Play	✓
Maximum refresh rate *	120 Hz	LED indicators	Operation, Stand-by
Viewing angle, horizontal	178°	Power	
Viewing angle, vertical	178°	Energy efficiency class (SDR) *	C
Display number of colours *	16.7 million colours	Energy efficiency class (HDR) *	Not available
Pixel pitch	0.2745 x 0.2745 mm	Energy consumption (SDR) per 1000 hours *	11 kWh
Pixel density	93 ppi	Power consumption (typical) *	12.14 W
Horizontal scan range	30 - 85 kHz	Power consumption (standby) *	0.3 W
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		
Digital horizontal frequency	30 - 140 kHz		

Display		Power	
Digital vertical frequency	48 - 120 Hz	Power consumption (off)	0.3 W
Sync-on-green (SOG)	✓	Power consumption (PowerSave)	7.7 W
Display diagonal (metric)	60.47 cm	AC input voltage	100 - 240 V
DDC/CI	✓	AC input frequency	50/60 Hz
Haze rate	25%	Power supply type	Internal
Surface hardness	3H	Energy efficiency scale	A to G
Colour depth	8 bit	Operational conditions	
Colour gamut standard	sRGB, NTSC	Operating temperature (T-T)	0 - 40 °C
sRGB coverage (typical)	110%	Storage temperature (T-T)	-20 - 60 °C
NTSC coverage (typical)	96%	Operating relative humidity (H-H)	20 - 80%
Display sRGB	✓	Operating altitude	0 - 3658 m
Display panel size	23.8 inch/60.47 cm	Non-operating altitude	0 - 12192 m
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	542 mm
AMD FreeSync *	✗	Depth (with stand)	228 mm
VESA Adaptive Sync support	✓	Height (with stand)	499 mm
Component video sync	Separate Sync, Sync-on-green (SOG)	Weight (with stand)	5.57 kg
Flicker-free technology	✓	Width (without stand)	542 mm
Multimedia		Depth (without stand)	46 mm
Number of speakers	2	Height (without stand)	320 mm
RMS rated power	4 W	Weight (without stand)	3.55 kg
Built-in speaker(s) *	✓	Packaging data	
Built-in camera *	✗	Package width	615 mm
Design		Package depth	139 mm
Market positioning *	Business	Package height	385 mm
Product colour *	Black	Package weight	7.58 kg
Front bezel colour	Black	Packaging content	
Feet colour	Black	Stand included	✓
Ports & interfaces		Cables included	AC, DisplayPort, HDMI
Built-in USB hub *	✓	Manual	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Bundled software	SmartControl*
USB upstream port type	USB Type-B	Sustainability	
Number of USB Type-B upstream ports quantity	1	Sustainability certificates	ENERGY STAR, EPEAT
USB Type-A downstream ports quantity	4	Doesn't contain	PVC/BFR
VGA (D-Sub) ports quantity	1	Other features	
HDMI *	✓	Compatible operating systems	Mac OS; Windows 11/10
HDMI ports quantity	1	Exterior finish type	Textured
HDMI version	1.4	Monitor sync input signal	Separate Sync; Sync on Green
DisplayPorts quantity	1	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
DisplayPort version	1.2	Picture enhancement	SmartImage
Audio input	✓	Regulatory Approvals	CB; CE Mark; ETL; TUV/GS; TUV Ergo; TCO Certified; TCO Certified Edge; EAC; EAC ROHS; MEPS; PSB; UKCA; EMF; FCC; ICES-003; TÜV Rheinland Low Blue Light (Hardware Solution); eyesafe® CERTIFIED 2.0
Audio output	✓		
HDCP	✓		
HDCP version	1.4	SoftBlue	✓
Ergonomics		Adaptive synchronisation	✓
VESA mounting *	✓	EasyRead mode	✓
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	70000 h
		Recycling data	
		Packaging recyclability rate	100%
		Product post-consumer recycled plastic	85%



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Catalog Object Cloud



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