

Philips 3000 series 24B2N3200J/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 3000 series

Product code: 24B2N3200J/00

Product name :
24B2N3200J/00

Business Monitor 24B2N3200J LCD monitor

Philips 3000 series 24B2N3200J/00 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 120hz refresh rate, SoftBlue, Flicker-Free, VESA mount, and more. Philips 3000 series 24B2N3200J/00. 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	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Screen shape *	Flat		
Contrast ratio (typical) *	1500:1		
Contrast ratio (dynamic)	50000000:1	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	Power consumption (off)	0.3 W
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 (PowerSave)	7.7 W
Sync-on-green (SOG)	✓	AC input voltage	100 - 240 V
Display diagonal (metric)	60.47 cm	AC input frequency	50/60 Hz
DDC/CI	✓	Power supply type	Internal
Haze rate	25%	Energy efficiency scale	A to G
Surface hardness	3H	Operational conditions	
Colour depth	8 bit	Operating temperature (T-T)	0 - 40 °C
Colour gamut standard	NTSC, sRGB	Storage temperature (T-T)	-20 - 60 °C
sRGB coverage (typical)	110%	Operating relative humidity (H-H)	20 - 80%
NTSC coverage (typical)	96%	Operating altitude	0 - 3658 m
Display sRGB	✓	Non-operating altitude	3658 - 12192 m
Performance		Weight & dimensions	
NVIDIA G-SYNC *	✗	Width (with stand)	542 mm
AMD FreeSync *	✗	Depth (with stand)	228 mm
Component video sync	Separate Sync, Sync-on-green (SOG)	Height (with stand)	499 mm
Flicker-free technology	✓	Weight (with stand)	5.57 kg
Multimedia		Width (without stand)	542 mm
Number of speakers	2	Depth (without stand)	85 mm
RMS rated power	4 W	Height (without stand)	320 mm
Built-in speaker(s) *	✓	Weight (without stand)	3.55 kg
Built-in camera *	✗	Packaging data	
Design		Package width	615 mm
Market positioning *	Business	Package depth	139 mm
Product colour *	Black	Package height	385 mm
Front bezel colour	Black	Package weight	7.58 kg
Feet colour	Black	Packaging content	
Ports & interfaces		Stand included	✓
Built-in USB hub *	✓	Cables included	AC, DisplayPort, HDMI
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Manual	✓
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 *	✓	Exterior finish type	Textured
HDMI ports quantity	1	Picture enhancement	SmartImage
HDMI version	1.4	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
DisplayPorts quantity	1		
DisplayPort version	1.2		
Audio input	✓	Adaptive synchronisation	✓
Audio output	✓	EasyRead mode	✓
HDCP	✓	(cdm) Software / function	SmartControl
HDCP version	1.4	Compliance certificates	RoHS
Ergonomics		Mean time between failures (MTBF)	70000 h
VESA mounting *	✓	Recycling data	
		Recyclable packaging material	100%
		Post-consumer recycled plastic	85%



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