

Philips 2000 series 24B2N2200/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 2000 series

Product code: 24B2N2200/00

Product name : 24B2N2200/00

Business Monitor 24B2N2200 LCD monitor

Philips 2000 series 24B2N2200/00 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 120 Hz refresh rate, SoftBlue, Flicker-Free, VESA mount and more. Philips 2000 series 24B2N2200/00. 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). VESA mounting. Product colour: Black



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Cable lock slot *	✓
Display resolution *	1920 x 1080 pixels	Cable lock slot type	Kensington
HD type *	Full HD	Height adjustment *	✗
Native aspect ratio *	16:9	Tilt adjustment	✓
Display technology *	LCD	Tilt angle range	-5 - 25°
Panel type *	IPS	On Screen Display (OSD)	✓
LED backlight	✓	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
Backlight type	W-LED		
Touchscreen *	✗		
Display brightness (typical)	300 cd/m²		
Response time *	4 ms	Number of OSD languages	21
Response time measurement type	GTG (Gray to Gray)	Plug and Play	✓
Anti-glare screen	✓	LED indicators	Operation, Stand-by
Screen shape *	Flat	Power	
Contrast ratio (typical) *	1500:1	Energy efficiency class (SDR) *	B
Contrast ratio (dynamic)	50000000:1	Energy efficiency class (HDR) *	Not available
Dynamic contrast ratio marketing name	SmartContrast	Energy consumption (SDR) per 1000 hours *	9 kWh
Maximum refresh rate *	120 Hz	Power consumption (typical) *	11.42 W
Viewing angle, horizontal	178°	Power consumption (standby) *	0.3 W
Viewing angle, vertical	178°	Power consumption (off)	0.3 W
Display number of colours *	16.7 million colours	Power consumption (PowerSave)	8.2 W
Pixel pitch	0.2745 x 0.2745 mm	AC input voltage	100 - 240 V
Pixel density	93 ppi	AC input frequency	50/60 Hz
Horizontal scan range	30 - 85 kHz	Power supply type	Internal
Vertical scan range	48 - 75 Hz	Energy efficiency scale	A to G
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		
Digital horizontal frequency	30 - 140 kHz		

Display		Operational conditions	
Digital vertical frequency	48 - 120 Hz	Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	60.47 cm	Storage temperature (T-T)	-20 - 60 °C
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour depth	8 bit	Weight & dimensions	
Colour gamut standard	sRGB, NTSC	Width (with stand)	542 mm
Colour gamut	96%	Depth (with stand)	181 mm
sRGB coverage (typical)	110%	Height (with stand)	425 mm
NTSC coverage (typical)	96%	Weight (with stand)	2.91 kg
Display sRGB	✓	Width (without stand)	542 mm
Display panel size	23.8 inch/60.47 cm	Depth (without stand)	46 mm
Performance		Height (without stand)	320 mm
NVIDIA G-SYNC *	✗	Weight (without stand)	2.63 kg
AMD FreeSync *	✗	Packaging data	
VESA Adaptive Sync support	✓	Package width	600 mm
Component video sync	Separate Sync, Sync-on-green (SOG)	Package depth	123 mm
Flicker-free technology	✓	Package height	420 mm
Low Blue Light technology	✓	Package weight	4.9 kg
Multimedia		Packaging content	
Number of speakers	2	Stand included	✓
RMS rated power	4 W	Manual	✓
Built-in speaker(s) *	✓	Bundled software	SmartControl
Built-in camera *	✗	Sustainability	
Design		Sustainability certificates	ENERGY STAR, EPEAT
Market positioning *	Business	Doesn't contain	Mercury, PVC/BFR
Product colour *	Black	Other features	
Front bezel colour	Black	Compatible operating systems	Mac OS X; Windows 11/10
Feet colour	Black	Exterior finish type	Textured
Ports & interfaces		Monitor sync input signal	Separate Sync; Sync on Green
Built-in USB hub *	✗	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
VGA (D-Sub) ports quantity	1	Picture enhancement	SmartImage
HDMI *	✓	Regulatory Approvals	CB; CE Mark; 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
HDMI ports quantity	1		
HDMI version	1.4		
DisplayPorts quantity	1	Heavy metals free	Hg (mercury)
DisplayPort out version	1.2	SoftBlue	✓
Audio input	✓	Adaptive synchronisation	✓
Audio output	✓	EasyRead mode	✓
HDCP	✓	LowBlue mode	✓
HDCP version	1.4	Compliance certificates	RoHS, TÜV mark
Ergonomics		Mean time between failures (MTBF)	70000 h
VESA mounting *	✓	Recycling data	
Panel mounting interface	100 x 100 mm	Packaging recyclability rate	100%
		Product post-consumer recycled plastic	85%



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Catalog Object Cloud



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