

Philips 4000 series 24B2N4200/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Grey

Brand : Philips

Product family: 4000 series

Product code: 24B2N4200/00

Product name : 24B2N4200/00

Business Monitor 24B2N4200 LCD monitor

Philips 4000 series 24B2N4200/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Grey:

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

Philips 4000 series 24B2N4200/00. 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: Grey



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Adjustable height (max)	15 cm
LED backlight	✓	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	300 cd/m²	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-5 - 30°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	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
Contrast ratio (typical) *	1500:1		
Contrast ratio (dynamic)	5000000:1		
Dynamic contrast ratio marketing name	SmartContrast	Number of OSD languages	21
Maximum refresh rate *	120 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°	Power	
Display number of colours *	16.7 million colours	Energy efficiency class (SDR) *	C
Pixel pitch	0.2745 x 0.2745 mm	Energy efficiency class (HDR) *	Not available
Pixel density	93 ppi	Energy consumption (SDR) per 1000 hours *	11 kWh
Horizontal scan range	30 - 85 kHz	Power consumption (typical) *	12 W
Vertical scan range	48 - 75 Hz	Power consumption (standby) *	0.3 W
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	33.6 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)	10.2 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	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)	544 mm
AMD FreeSync *	✗	Depth (with stand)	228 mm
Component video sync	Separate Sync, Sync-on-green (SOG)	Height (with stand)	503 mm
Flicker-free technology	✓	Weight (with stand)	5.45 kg
Multimedia		Width (without stand)	544 mm
Number of speakers	2	Depth (without stand)	56 mm
RMS rated power	4 W	Height (without stand)	326 mm
Built-in speaker(s) *	✓	Weight (without stand)	3.71 kg
Built-in camera *	✗	Packaging data	
Design		Package width	650 mm
Market positioning *	Business	Package depth	139 mm
Product colour *	Grey	Package height	400 mm
Front bezel colour	Grey	Package weight	7.39 kg
Feet colour	Silver	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	3	Doesn't contain	Mercury, PVC/BFR
USB Type-C downstream ports quantity	1	Other features	
USB Power Delivery (USB PD)	✓	Exterior finish type	Textured
USB Power Delivery up to	15 W	Picture enhancement	SmartImage
VGA (D-Sub) ports quantity	1	Regulatory Approvals	CB, CE Mark, ETL, CEC, TUV/GS, TUV Ergo, TCO Certified, TCO Certified Edge, EAC, EAEU RoHS, MEPS, UKCA, EMF, FCC, ICES-003, TÜV Rheinland Low Blue Light (Hardware Solution), eyesafe® CERTIFIED 2.0
HDMI *	✓		
HDMI ports quantity	1		
HDMI version	1.4	Adaptive synchronisation	✓
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.2	Built-in headphone hook	✓
Audio input	✓	(cdm) Software / function	SmartControl
Audio output	✓	Compliance certificates	RoHS
HDCP	✓	Mean time between failures (MTBF)	70000 h
HDCP version	1.4	Recycling data	
		Recyclable packaging material	100%
		Post-consumer recycled plastic	85%



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