

Philips 4000 series 24B2U4301/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Grey

Brand : Philips

Product family: 4000 series

Product code: 24B2U4301/00

Product name : 24B2U4301/00

Business Monitor 24B2U4301 LCD monitor with USB-C

Philips 4000 series 24B2U4301/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Grey:

This FHD monitor brings all the essentials to the table and more. With its IPS panel and USB-C connectivity, pictures stay vibrant while the connection provides high-speed data transfer. Philips 4000 series 24B2U4301/00. 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) *	D
Pixel pitch	0.2745 x 0.2745 mm	Energy efficiency class (HDR) *	Not available
Pixel density	93 ppi	Energy consumption (SDR) per 1000 hours *	14 kWh
Horizontal scan range	30 - 140 kHz	Power consumption (typical) *	14.8 W
Vertical scan range	48 - 120 Hz	Power consumption (standby) *	0.3 W
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		
Sync-on-green (SOG)	✓		

Display		Power	
Display diagonal (metric)	60.47 cm	Power consumption (off)	0.3 W
DDC/CI	✓	Power consumption (PowerSave)	10.1 W
Haze rate	25%	AC input voltage	100 - 240 V
Surface hardness	3H	AC input frequency	50/60 Hz
Colour depth	8 bit	Power supply type	Internal
Colour gamut standard	NTSC, sRGB	Energy efficiency scale	A to G
sRGB coverage (typical)	110%	Operational conditions	
NTSC coverage (typical)	96%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
Performance		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗	Operating altitude	0 - 3658 m
AMD FreeSync *	✗	Non-operating altitude	3658 - 12192 m
Component video sync	Separate Sync, Sync-on-green (SOG)	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	544 mm
Low Blue Light technology	✓	Depth (with stand)	228 mm
Multimedia		Height (with stand)	503 mm
Number of speakers	2	Weight (with stand)	5.74 kg
RMS rated power	4 W	Width (without stand)	544 mm
Built-in speaker(s) *	✓	Depth (without stand)	56 mm
Built-in camera *	✗	Height (without stand)	326 mm
Design		Weight (without stand)	4 kg
Market positioning *	Business	Packaging data	
Product colour *	Grey	Package width	650 mm
Front bezel colour	Grey	Package depth	139 mm
Feet colour	Silver	Package height	400 mm
Ports & interfaces		Package weight	7.74 kg
Built-in USB hub *	✓	Packaging content	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Stand included	✓
USB upstream port type	USB Type-C	Cables included	AC, DisplayPort, HDMI, USB Type-C to USB Type-C
Number of USB Type-C upstream ports quantity	1	Manual	✓
USB Type-A downstream ports quantity	3	Sustainability	
USB Type-C downstream ports quantity	1	Sustainability certificates	ENERGY STAR, EPEAT
USB Type-C DisplayPort Alternate Mode	✓	Doesn't contain	PVC/BFR
USB Power Delivery (USB PD)	✓	Other features	
USB Power Delivery up to	15 W	Exterior finish type	Textured
HDMI *	✓	Picture enhancement	SmartImage
HDMI ports quantity	1	Regulatory Approvals	CB, CE Mark, ETL, CEC, 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 version	1.4		
DisplayPorts quantity	1		
DisplayPort version	1.4	Adaptive synchronisation	✓
Audio output	✓	EasyRead mode	✓
HDCP	✓	Built-in headphone hook	✓
HDCP version	1.4	(cdm) Software / function	SmartControl
Network		Compliance certificates	RoHS
Ethernet LAN	✓	Mean time between failures (MTBF)	70000 h
		Recycling data	
		Recyclable packaging material	100%
		Post-consumer recycled plastic	85%



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Catalog Object Cloud



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