

Philips 3000 series 24B2U3301H/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 3000 series

Product code: 24B2U3301H/00

Product name :
24B2U3301H/00

Business Monitor 24B2U3301H LCD monitor with USB-C

Philips 3000 series 24B2U3301H/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black:

Speed through daily tasks in comfort with this monitor's SoftBlue technology, Full HD resolution and 120 Hz refresh rate. Not to mention, SmartErgoBase adds an ergonomic touch to the monitor's feature list. Philips 3000 series 24B2U3301H/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")	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)	350 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	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, 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 *	14 kWh
Horizontal scan range	30 - 140 kHz	Power consumption (typical) *	14.36 W
Vertical scan range	48 - 120 Hz		
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 (standby) *	0.3 W
DDC/CI	✓	Power consumption (off)	0.3 W
Haze rate	25%	Power consumption (PowerSave)	11 W
Surface hardness	3H	AC input voltage	100 - 240 V
Colour depth	8 bit	AC input frequency	50/60 Hz
Colour gamut standard	sRGB, NTSC	Power supply type	Internal
sRGB coverage (typical)	110%	Energy efficiency scale	A to G
NTSC coverage (typical)	96%	Operational conditions	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
Display panel size	23.8 inch/60.47 cm	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	0 - 12192 m
VESA Adaptive Sync support	✓	Weight & dimensions	
Component video sync	Separate Sync, Sync-on-green (SOG)	Width (with stand)	542 mm
Flicker-free technology	✓	Depth (with stand)	228 mm
Multimedia		Height (with stand)	499 mm
Number of speakers	2	Weight (with stand)	5.74 kg
RMS rated power	4 W	Width (without stand)	542 mm
Built-in speaker(s) *	✓	Depth (without stand)	48 mm
Megapixel (approx.)	5 MP	Height (without stand)	320 mm
Built-in microphone	✓	Weight (without stand)	4.07 kg
Built-in camera *	✓	Packaging data	
Design		Package width	615 mm
Market positioning *	Business	Package depth	139 mm
Product colour *	Black	Package height	420 mm
Front bezel colour	Black	Package weight	7.94 kg
Feet colour	Black	Packaging content	
Ports & interfaces		Stand included	✓
Built-in USB hub *	✓	Cables included	DisplayPort, HDMI, USB Type-C to USB Type-C, Power
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Manual	✓
USB upstream port type	USB Type-C	Bundled software	SmartControl
Number of upstream ports	1	Sustainability	
Number of USB Type-C upstream ports quantity	1	Sustainability certificates	ENERGY STAR, EPEAT
USB Type-A downstream ports quantity	4	Doesn't contain	PVC/BFR
USB Type-C DisplayPort Alternate Mode	✓	Other features	
USB Power Delivery (USB PD)	✓	HBR3 support	✓
USB Power Delivery up to	90 W	Compatible operating systems	Mac OS; Windows 11/10
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	1	Monitor sync input signal	Separate Sync; Sync on Green
HDMI version	1.4	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
DisplayPorts quantity	1	Picture enhancement	SmartImage
DisplayPort out quantity	1	Regulatory Approvals	ETL; CEC; CB; TUV/GS; TUV Ergo; TCO Certified; TCO Certified Edge; EAC; EAEU RoHS; MEPS; CE Mark; UKCA; EMF; FCC; ICES-003; TÜV Rheinland Low Blue Light (Hardware Solution); eyesafe® CERTIFIED 2.0
DisplayPort version	1.4		
Audio output	✓		
HDCP	✓	SoftBlue	✓
HDCP version	1.4	Adaptive synchronisation	✓
Network		EasyRead mode	✓
Ethernet LAN	✓	Compliance certificates	RoHS
		Mean time between failures (MTBF)	70000 h
		Recycling data	
		Packaging recyclability rate	100%

Recycling data

Product post-consumer recycled plastic	85%
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Catalog Object Cloud



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