

Philips 5000 series 24B1U5301H/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

Brand : Philips

Product family: 5000 series

Product code: 24B1U5301H/00

Product name :
24B1U5301H/00



Business Monitor 24B1U5301H LCD monitor with USB-C docking

Philips 5000 series 24B1U5301H/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD
Black:

This USB-C monitor is for video watching, data transfer and power delivery. The integrated 5MP webcam delivers sharp images, and noise cancelling mic let people hear you fine. Pop-up webcam for quick access and strong security.

Philips 5000 series 24B1U5301H/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 2 (3.1 Gen 2). 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
Backlight type	W-LED	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	300 cd/m²	Swivelling	✓
Response time *	4 ms	Swivel angle range	-180 - 180°
Anti-glare screen	✓	Tilt adjustment	✓
Screen shape *	Flat	Tilt angle range	-5 - 30°
Contrast ratio (typical) *	1000:1	Picture-in-Picture	✓
Contrast ratio (dynamic)	50000000:1		
Dynamic contrast ratio marketing name	SmartContrast		Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Maximum refresh rate *	75 Hz	On Screen Display (OSD) languages	
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours	Plug and Play	✓
Pixel pitch	0.2745 x 0.2745 mm	LED indicators	Operation, Stand-by
Pixel density	93 ppi		
Horizontal scan range	30 - 85 kHz		
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		
Display diagonal (metric)	60.5 cm		
DDC/CI	✓		
Haze rate	25%		

Display		Power	
Surface hardness	3H	Power supply type	Internal
Colour depth	8 bit	Energy efficiency scale	A to G
Colour gamut standard	sRGB	Operational conditions	
sRGB coverage (typical)	105%	Operating temperature (T-T)	0 - 40 °C
NTSC coverage (typical)	88%	Storage temperature (T-T)	-20 - 60 °C
Display sRGB	✓	Operating relative humidity (H-H)	20 - 80%
Performance		Operating altitude	0 - 3658 m
NVIDIA G-SYNC *	✗	Non-operating altitude	3658 - 12192 m
AMD FreeSync *	✗	Weight & dimensions	
Fast charging	✓	Width (with stand)	540 mm
Fast charging technology	Power Delivery	Depth (with stand)	205 mm
Component video sync	Separate Sync	Height (with stand)	500 mm
Flicker-free technology	✓	Weight (with stand)	5.5 kg
Low Blue Light technology	✓	Width (without stand)	540 mm
Multimedia		Depth (without stand)	51 mm
Number of speakers	2	Height (without stand)	323 mm
RMS rated power	5 W	Weight (without stand)	3.9 kg
Built-in speaker(s) *	✓	Packaging data	
Megapixel (approx.)	5 MP	Package width	600 mm
Built-in microphone	✓	Package depth	198 mm
Built-in camera *	✓	Package height	406 mm
Design		Package weight	8.32 kg
Market positioning *	Business	Packaging content	
Product colour *	Black	Stand included	✓
Front bezel colour	Black	Cables included	HDMI, DisplayPort, USB Type-C, AC
Feet colour	Black	Manual	✓
Ports & interfaces		Bundled software	SmartControl
Built-in USB hub *	✓	Sustainability	
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability compliance	✓
USB upstream port type	USB Type-C	Sustainability certificates	ENERGY STAR, TCO
Number of upstream ports	1	Doesn't contain	Mercury, PVC/BFR
USB Type-A downstream ports quantity	4	Other features	
USB Type-C downstream ports quantity	1	HBR3 support	✓
USB Type-C DisplayPort Alternate Mode	✓	Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8 / 7
USB Power Delivery (USB PD)	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery up to	90 W	Exterior finish type	Textured
HDMI *	✓	Picture enhancement	SmartImage
HDMI ports quantity	1	Regulatory Approvals	CB; CE Mark; FCC Class B; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eye Comfort certified; cETLus
HDMI version	1.4		
DisplayPorts quantity	1	Light sensor	✓
DisplayPort version	1.4	EasyRead mode	✓
Headphone out *	✓	LowBlue mode	✓
HDCP	✓	Compliance certificates	RoHS
HDCP version	1.4/2.2	Mean time between failures (MTBF)	70000 h
DisplayPort output	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Network		Wake-on-LAN	✓
Ethernet LAN	✓	Recycling data	
		Recyclable packaging material	100%
		Post-consumer recycled plastic	85%



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Catalog Object Cloud



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