

## Philips 5000 series 24B1U5301H/00 LED display 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 LED display 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. Windows Hello 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	Height adjustment	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	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
Maximum refresh rate *	75 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours		
Pixel pitch	0.2745 x 0.2745 mm		
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	European Product Registry for Energy Labelling (EPREL) code	1325579
sRGB coverage (typical)	105%	Operational conditions	
NTSC coverage (typical)	88%	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
Fast charging	✓	Weight & dimensions	
Fast charging technology	Power Delivery	Width (with stand)	540 mm
Component video sync	Separate sync	Depth (with stand)	205 mm
Flicker-free technology	✓	Height (with stand)	500 mm
Low Blue Light technology	✓	Weight (with stand)	5.5 kg
Multimedia		Width (without stand)	540 mm
Number of speakers	2	Depth (without stand)	51 mm
RMS rated power	5 W	Height (without stand)	323 mm
Built-in speaker(s) *	✓	Weight (without stand)	3.9 kg
Megapixel (approx.)	5 MP	Packaging data	
Built-in microphone	✓	Package width	600 mm
Built-in camera *	✓	Package depth	198 mm
Design		Package height	406 mm
Market positioning *	Business	Package weight	8.32 kg
Product colour *	Black	Packaging content	
Front bezel colour	Black	Stand included	✓
Feet colour	Black	Cables included	HDMI, DisplayPort, USB Type-C, AC
Ports & interfaces		Manual	✓
Built-in USB hub *	✓	Bundled software	SmartControl
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Sustainability	
USB upstream port type	USB Type-C	Sustainability compliance	✓
Number of upstream ports	1	Sustainability certificates	ENERGY STAR, TCO
USB Type-A downstream ports quantity	4	Doesn't contain	Mercury, PVC/BFR
USB Type-C downstream ports quantity	1	Other features	
USB Type-C DisplayPort Alternate Mode	✓	HBR3 support	✓
USB Power Delivery (USB PD)	✓	Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8 / 7
USB Power Delivery up to	90 W	Picture-by-Picture (PbP)	✓
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	1	Picture enhancement	SmartImage
HDMI version	1.4	Recyclable packaging material	100%
DisplayPorts 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
DisplayPort version	1.4	Light sensor	✓
Headphone out *	✓	EasyRead mode	✓
HDCP	✓	LowBlue mode	✓
HDCP version	1.4/2.2	Compliance certificates	RoHS
DisplayPort output	✓	Mean time between failures (MTBF)	70000 h
Network		Ethernet LAN data rates	10,100,1000 Mbit/s
Ethernet LAN	✓	Wake-on-LAN	✓
		Recycling data	
		Post-consumer recycled plastic	85%



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