

PHILIPS

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:

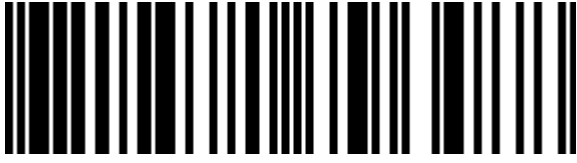
This USB-C monitor is for data transfer, power delivery and watching videos. The integrated 5 MP webcam delivers sharp images, and the noise cancelling mic lets people hear you fine. Windows Hello Webcam for quick access and strong security.

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		Network	
Display diagonal *	60.5 cm (23.8")	Ethernet LAN	✓
Display resolution *	1920 x 1080 pixels	Ergonomics	
HD type *	Full HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Cable lock slot *	✓
Panel type *	IPS	Cable lock slot type	Kensington
Backlight type	W-LED	Height adjustment *	✓
Touchscreen *	✗	Height adjustment	15 cm
Display brightness (typical)	300 cd/m ²	Pivot	✓
Response time	4 ms	Pivot angle	-90 - 90°
Anti-glare screen	✓	Swivelling	✓
Screen shape *	Flat	Swivel angle range	-180 - 180°
Contrast ratio (typical) *	1000:1	Tilt adjustment	✓
Contrast ratio (dynamic)	50000000:1	Tilt angle range	-5 - 30°
Dynamic contrast ratio marketing name	SmartContrast	Picture-in-Picture	✓
Maximum refresh rate *	75 Hz	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
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	16.7 million colours	Power	
Pixel pitch	0.2745 x 0.2745 mm	Energy efficiency class (SDR) *	E
Pixel density	93 ppi	Energy consumption (SDR) per 1000 hours *	18 kWh
Horizontal scan range	30 - 85 kHz	Power consumption (typical) *	15.3 W
Vertical scan range	48 - 75 Hz	Power consumption (standby) *	0.3 W
Viewable size, horizontal	52.7 cm	AC input voltage	100 - 240 V
Viewable size, vertical	29.6 cm		
Display diagonal (metric)	60.5 cm		
DDC/CI	✓		
Haze rate	25%		
Surface hardness	3H		

Display		Power	
Colour depth	8 bit	AC input frequency	50 - 60 Hz
RGB colour space	sRGB	Power supply type	Internal
sRGB coverage (typical)	105%	Energy efficiency scale	A to G
NTSC coverage (typical)	88%	Operational conditions	
Display sRGB	✓	Operating temperature (T-T)	0 - 40 °C
Performance		Storage temperature (T-T)	-20 - 60 °C
NVIDIA G-SYNC *	✗	Operating relative humidity (H-H)	20 - 80%
AMD FreeSync *	✗	Operating altitude	0 - 3658 m
Fast charging	✓	Non-operating altitude	3658 - 12192 m
Fast charging technology	Power Delivery	Packaging content	
Component video sync	Separate sync	Stand included	✓
Flicker-free technology	✓	Cables included	HDMI, DisplayPort, USB Type-C, AC
Low Blue Light technology	✓	Manual	✓
HBR3 support	✓	Bundled software	SmartControl
Compatible operating systems	Mac OS X Windows 11 / 10 / 8.1 / 8 / 7	Weight & dimensions	
Multimedia		Width (with stand)	540 mm
Built-in speaker(s) *	✓	Depth (with stand)	205 mm
Built-in camera *	✓	Height (with stand)	500 mm
Number of speakers	2	Weight (with stand)	5.5 kg
RMS rated power	5 W	Width (without stand)	540 mm
Megapixel (approx.)	5 MP	Depth (without stand)	51 mm
Built-in microphone	✓	Height (without stand)	323 mm
Design		Weight (without stand)	3.9 kg
Market positioning *	Business	Packaging data	
Product colour *	Black	Package width	600 mm
Front bezel colour	Black	Package depth	198 mm
Feet colour	Black	Package height	406 mm
Ports & interfaces		Package weight	8.32 kg
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, RoHS
Number of upstream ports	1	Doesn't contain	Mercury, PVC/BFR
USB Type-A downstream ports quantity	4	European Product Registry for Energy Labelling (EPREL) code	1325579
USB Type-C downstream ports quantity	1	Recycling data	
USB Type-C DisplayPort Alternate Mode	✓	Post-consumer recycled plastic	85%
USB Power Delivery	✓	Other features	
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	Mean time between failures (MTBF)	70000 h
DisplayPort output	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓



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