

Philips B Line 246B1/00 LED display 60.5 cm (23.8") 2560 x 1440 pixels Quad HD Black

Brand : Philips

Product family: B Line

Product code: 246B1/00

Product name : 246B1/00

246B1 LCD monitor with USB-C

Philips B Line 246B1/00 LED display 60.5 cm (23.8") 2560 x 1440 pixels Quad HD Black:

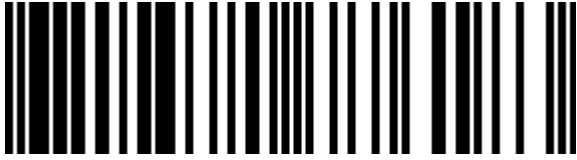
The Philips USB-C monitor replaces cable clutter. View QHD image, re-charge a laptop, all at the same time with a single USB-C cable. Features like Daisy chain for multi-display setup, Eye comfort with TÜV certification to reduce eye fatigue.

Philips B Line 246B1/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, Display surface: Matt, 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")	Cable lock slot type	Kensington
Display resolution *	2560 x 1440 pixels	Height adjustment *	✓
HD type *	Quad HD	Height adjustment	15 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	LED	Pivot angle	-90 - 90°
Panel type *	IPS	Swivelling	✓
Backlight type	W-LED	Swivel angle range	-180 - 180°
Touchscreen *	✗	Tilt adjustment	✓
Display brightness (typical)	250 cd/m ²	Tilt angle range	-5 - 35°
Response time	4 ms	On Screen Display (OSD)	✓
Display surface	Matt	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
Anti-glare screen	✓		
Screen shape *	Flat		
Aspect ratio	16:9	Number of OSD languages	21
Contrast ratio (typical) *	1000:1	Plug and Play	✓
Contrast ratio (dynamic)	50000000:1	LED indicators	Operation, Stand-by
Dynamic contrast ratio marketing name	SmartContrast	Power	
Maximum refresh rate *	75 Hz	Energy efficiency class (SDR) *	E
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours *	18 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	17 W
Display number of colours *	16.7 million colours	Power consumption (standby) *	0.3 W
Pixel pitch	0.2058 x 0.2058 mm	Power consumption (PowerSave)	15.2 W
Pixel density	123 ppi	AC input voltage	100 - 240 V
Horizontal scan range	30 - 114 kHz	AC input frequency	50 - 60 Hz
Vertical scan range	48 - 75 Hz	Power supply type	Internal
Viewable size, horizontal	52.7 cm	Energy efficiency scale	A to G
Viewable size, vertical	29.6 cm		
Display diagonal (metric)	60.5 cm		
DDC/CI	✓		
Haze rate	25%		

Display		Operational conditions	
Surface hardness	3H	Operating temperature (T-T)	0 - 40 °C
sRGB coverage (typical)	116%	Storage temperature (T-T)	-20 - 60 °C
NTSC coverage (typical)	99%	Operating relative humidity (H-H)	20 - 80%
Display sRGB	✓	Operating altitude	0 - 3658 m
Performance		Non-operating altitude	0 - 12192 m
NVIDIA G-SYNC *	✗	Packaging content	
AMD FreeSync *	✗	Stand included	✓
Component video sync	Separate sync	Cables included	HDMI, DisplayPort, USB Type-C, AC
Flicker-free technology	✓	Quick start guide	✓
Low Blue Light technology	✓	Manual	✓
HBR3 support	✓	Bundled software	SmartControl
Multimedia		Weight & dimensions	
Built-in speaker(s) *	✓	Width (with stand)	540 mm
Built-in camera *	✗	Depth (with stand)	205 mm
Number of speakers	2	Height (with stand)	500 mm
RMS rated power	2 W	Weight (with stand)	5.56 kg
Design		Width (without stand)	540 mm
Market positioning *	Home	Depth (without stand)	51 mm
Product colour *	Black	Height (without stand)	323 mm
Front bezel colour	Black	Weight (without stand)	3.96 kg
Feet colour	Black	Packaging data	
Heavy metals free	Hg (mercury)	Package width	600 mm
Certification	CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003, TUV Eye Comfort certified	Package depth	198 mm
Ports & interfaces		Package height	406 mm
Built-in USB hub *	✓	Package weight	8.23 kg
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package type	Box
USB upstream port type	USB Type-C	Sustainability	
Number of upstream ports	1	Sustainability certificates	ENERGY STAR, TCO
Number of USB Type-C upstream ports quantity	1	Doesn't contain	PVC/BFR, Mercury
USB Type-C DisplayPort Alternate Mode	✓	European Product Registry for Energy Labelling (EPREL) code	564167
USB Power Delivery	✓	Recycling data	
USB Power Delivery up to	90 W	Post-consumer recycled plastic	85%
HDMI *	✓	Logistics data	
HDMI ports quantity	2	Harmonized System (HS) code	85285210
HDMI version	1.4	Technical details	
DisplayPorts quantity	1	Compliance certificates	RoHS
DisplayPort version	1.4	Other features	
Audio output	✓	USB Power Delivery revision	3.0
HDCP	✓	Exterior finish type	Textured
HDCP version	2.2	Picture enhancement	SmartImage
DisplayPort output	✓	Recyclable packaging material	100%
Network		Regulatory Approvals	CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003; TUV Eye Comfort certified
Ethernet LAN	✓	Light sensor	✓
Ergonomics		EasyRead mode	✓
VESA mounting *	✓	LowBlue mode	✓
Panel mounting interface	100 x 100 mm	Mean time between failures (MTBF)	70000 h
Cable lock slot *	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
		Wake-on-LAN	✓



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