

Philips B Line 243B1/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black

Brand : Philips

Product family: B Line

Product code: 243B1/00

Product name : 243B1/00

243B1 LCD monitor with USB-C

Philips B Line 243B1/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black:

The Philips USB-C monitor replaces cable clutter. View FHD image and 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 TUV certified to reduce eye fatigue

Philips B Line 243B1/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, 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")	Panel mounting interface	100 x 100 mm
Display resolution *	1920 x 1080 pixels	Cable lock slot *	✓
HD type *	Full HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LED	Adjustable height (max)	15 cm
Panel type *	IPS	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	300 cd/m²	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Anti-glare screen	✓	Tilt angle range	-5 - 35°
Screen shape *	Flat	On Screen Display (OSD)	✓
Supported graphics resolutions	640 x 480 (VGA), 720 x 400, 832 x 624, 1024 x 768 (XGA), 1280 x 1024 (SXGA), 1280 x 720 (HD 720), 1280 x 960, 1440 x 900 (WXGA+), 1680 x 1050 (WSXGA+), 1920 x 1080 (HD 1080)	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
Aspect ratio	16:9	Number of OSD languages	16
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) *	15.2 W
Display number of colours *	16.7 million colours	Power consumption (standby) *	0.5 W
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (off)	0 W
Pixel density	93 ppi	Power consumption (PowerSave)	12.6 W
Horizontal scan range	30 - 85 kHz		

Display		Power	
Vertical scan range	48 - 75 Hz	AC input voltage	100 - 240 V
Viewable size, horizontal	52.7 cm	AC input frequency	50 - 60 Hz
Viewable size, vertical	29.6 cm	Power supply type	Internal
Digital horizontal frequency	30 - 85 kHz	Operational conditions	
Digital vertical frequency	48 - 75 Hz	Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	60.5 cm	Storage temperature (T-T)	-20 - 60 °C
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour gamut standard	sRGB	Weight & dimensions	
Colour gamut	91%	Width (with stand)	540 mm
sRGB coverage (typical)	107%	Depth (with stand)	205 mm
NTSC coverage (typical)	91%	Height (with stand)	501 mm
3D	✗	Weight (with stand)	4.98 kg
Separate H/V sync	✓	Width (without stand)	540 mm
Display sRGB	✓	Depth (without stand)	51 mm
Colour space supported	NTSC, sRGB	Height (without stand)	323 mm
Performance		Weight (without stand)	3.4 kg
NVIDIA G-SYNC *	✗	Packaging data	
AMD FreeSync *	✗	Package width	730 mm
Component video sync	Separate Sync	Package depth	198 mm
Flicker-free technology	✓	Package height	465 mm
Low Blue Light technology	✓	Package weight	7.66 kg
Multimedia		Packaging content	
Number of speakers	2	Stand included	✓
RMS rated power	2 W	Cables included	HDMI, DisplayPort, USB Type-C, AC
Built-in speaker(s) *	✓	Manual	✓
Built-in camera *	✗	Bundled software	SmartControl
Design		Sustainability	
Market positioning *	Home	Sustainability certificates	ENERGY STAR, TCO
Product colour *	Black	Doesn't contain	PVC/BFR, Mercury
Front bezel colour	Black	Other features	
Feet colour	Black	HBR3 support	✓
Ports & interfaces		On/off switch	✓
Built-in USB hub *	✓	USB Power Delivery revision	3.0
USB hub version	3.2 Gen 2 (3.1 Gen 2)	TV tuner integrated	✗
USB upstream port type	USB Type-C	Exterior finish type	Textured
Number of upstream ports	1	Heavy metals free	Hg (mercury)
Number of USB Type-C upstream ports quantity	1	Light sensor	✓
USB Type-A downstream ports quantity	4	EasyRead mode	✓
USB Type-C DisplayPort Alternate Mode	✓	LowBlue mode	✓
USB Power Delivery (USB PD)	✓	Picture enhancement	SmartImage
USB Power Delivery up to	90 W	Regulatory Approvals	CE Mark; FCC Class B; SEMKO; CU-EAC; EAEU RoHS; TUV/GS; TUV Ergo; UKRAINIAN; ICES-003; CB; TUV Eye Comfort certified
DVI port	✗	Compliance certificates	RoHS, WEEE
HDMI *	✓	Mean time between failures (MTBF)	70000 h
HDMI ports quantity	1	Ethernet LAN data rates	10,100,1000 Mbit/s
HDMI version	1.4	Ethernet LAN (RJ-45) ports	1
DisplayPorts quantity	1	Wake-on-LAN	✓
DisplayPort version	1.4	Certification	CE Mark, FCC Class B, SEMKO, CU-EAC, EAEU RoHS, TUV/GS, TUV Ergo, UKRAINIAN, ICES-003, CB, TUV Eye Comfort certified
Audio input	✓		
Audio output	✓	Recycling data	
Headphone out *	✓		
Headphone outputs	1		
HDCP	✓		

Ports & interfaces		Recycling data	
HDCP version	1.4	Total amount of recyclable materials	100%
DisplayPort output	✓	Recyclable packaging material	100%
Network		Post-consumer recycled plastic	85%
Ethernet LAN	✓	Logistics data	
Ergonomics		Harmonized System (HS) code	85285210
VESA mounting *	✓		



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