

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

The Philips USB-C monitor replaces cable clutter. View FHD image and recharge 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

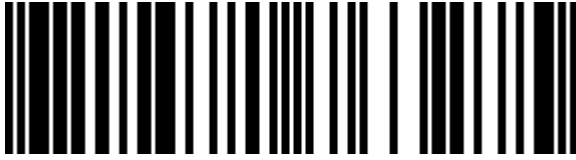
Philips B Line 243B1/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub 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")	Cable lock slot *	✓
Display resolution *	1920 x 1080 pixels	Cable lock slot type	Kensington
HD type *	Full HD	Height adjustment *	✓
Native aspect ratio *	16:9	Height adjustment	15 cm
Display technology *	LED	Pivot	✓
Panel type *	IPS	Pivot angle	-90 - 90°
Backlight type	W-LED	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-180 - 180°
Display brightness (typical)	300 cd/m²	Tilt adjustment	✓
Response time *	4 ms	Tilt angle range	-5 - 35°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	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
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)	Number of OSD languages	16
Aspect ratio	16:9	Plug and Play	✓
Contrast ratio (typical) *	1000:1	LED indicators	Operation, Stand-by
Contrast ratio (dynamic)	50000000:1	<b>Power</b>	
Dynamic contrast ratio marketing name	SmartContrast	Energy efficiency class (SDR) *	E
Maximum refresh rate *	75 Hz	Energy consumption (SDR) per 1000 hours *	18 kWh
Viewing angle, horizontal	178°	Power consumption (typical) *	15.2 W
Viewing angle, vertical	178°	Power consumption (standby) *	0.5 W
Display number of colours *	16.7 million colours	Power consumption (off)	0 W
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (PowerSave)	12.6 W
Pixel density	93 ppi	AC input voltage	100 - 240 V
Horizontal scan range	30 - 85 kHz		

<b>Display</b>		<b>Power</b>	
Vertical scan range	48 - 75 Hz	AC input frequency	50 - 60 Hz
Viewable size, horizontal	52.7 cm	Power supply type	Internal
Viewable size, vertical	29.6 cm	European Product Registry for Energy Labelling (EPREL) code	388593
Digital horizontal frequency	30 - 85 kHz	<b>Operational conditions</b>	
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	<b>Weight &amp; dimensions</b>	
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
<b>Performance</b>		Weight (without stand)	3.4 kg
NVIDIA G-SYNC *	✗	<b>Packaging data</b>	
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
<b>Multimedia</b>		<b>Packaging content</b>	
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
<b>Design</b>		<b>Sustainability</b>	
Market positioning *	Home	Sustainability certificates	ENERGY STAR, TCO
Product colour *	Black	Doesn't contain	PVC/BFR, Mercury
Front bezel colour	Black	<b>Other features</b>	
Feet colour	Black	HBR3 support	✓
<b>Ports &amp; interfaces</b>		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	Recyclable packaging material	100%
Number of USB Type-C upstream ports quantity	1	Heavy metals free	Hg (mercury)
USB Type-A downstream ports quantity	4	Light sensor	✓
USB Type-C DisplayPort Alternate Mode	✓	EasyRead mode	✓
USB Power Delivery (USB PD)	✓	LowBlue mode	✓
USB Power Delivery up to	90 W	Picture enhancement	SmartImage
DVI port	✗	Regulatory Approvals	CE Mark; FCC Class B; SEMKO; CU-EAC; EAEU RoHS; TUV/GS; TUV Ergo; UKRAINIAN; ICES-003; CB; TUV Eye Comfort certified
HDMI *	✓	Compliance certificates	RoHS, WEEE
HDMI ports quantity	1	Mean time between failures (MTBF)	70000 h
HDMI version	1.4	Ethernet LAN data rates	10,100,1000 Mbit/s
DisplayPorts quantity	1	Ethernet LAN (RJ-45) ports	1
DisplayPort version	1.4	Wake-on-LAN	✓
Audio input	✓	Certification	CE Mark, FCC Class B, SEMKO, CU-EAC, EAEU RoHS, TUV/GS, TUV Ergo, UKRAINIAN, ICES-003, CB, TUV Eye Comfort certified
Audio output	✓		
Headphone out *	✓		
Headphone outputs	1		
HDCP	✓		

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



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Publication date: 25-NOV-2024. Prints or copies of Information are only valid on the printed Publication date