PHILIPS

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

Display diagonal *	60.5 cm (23.8")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	300 cd/m²
Response time *	4 ms
Anti-glare screen	✔
Screen shape *	Flat
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)
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
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

Ergonomics

Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	15 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 35°
On Screen Display (OSD)	✔
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
Number of OSD languages	16
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	E
Energy consumption (SDR) per 1000 hours *	18 kWh
Power consumption (typical) *	15.2 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0 W
Power consumption (PowerSave)	12.6 W
AC input voltage	100 - 240 V

Display

Vertical scan range	48 - 75 Hz
Viewable size, horizontal	52.7 cm
Viewable size, vertical	29.6 cm
Digital horizontal frequency	30 - 85 kHz
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	60.5 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
Colour gamut standard	sRGB
Colour gamut	91%
sRGB coverage (typical)	107%
NTSC coverage (typical)	91%
3D	✘
Separate H/V sync	✔
Display sRGB	✔
Colour space supported	NTSC, sRGB

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	2 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Home
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 2 (3.1 Gen 2)
USB upstream port type	USB Type-C
Number of upstream ports	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	90 W
DVI port	✘
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.4
Audio input	✔
Audio output	✔
Headphone out *	✔
Headphone outputs	1
HDCP	✔

Power

AC input frequency	50 - 60 Hz
Power supply type	Internal
European Product Registry for Energy Labelling (EPREL) code	388593

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Weight & dimensions

Width (with stand)	540 mm
Depth (with stand)	205 mm
Height (with stand)	501 mm
Weight (with stand)	4.98 kg
Width (without stand)	540 mm
Depth (without stand)	51 mm
Height (without stand)	323 mm
Weight (without stand)	3.4 kg

Packaging data

Package width	730 mm
Package depth	198 mm
Package height	465 mm
Package weight	7.66 kg

Packaging content

Stand included	✔
Cables included	HDMI, DisplayPort, USB Type-C, AC
Manual	✔
Bundled software	SmartControl

Sustainability

Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	PVC/BFR, Mercury

Other features

HBR3 support	✔
On/off switch	✔
USB Power Delivery revision	3.0
TV tuner integrated	✘
Exterior finish type	Textured
Recyclable packaging material	100%
Heavy metals free	Hg (mercury)
Light sensor	✔
EasyRead mode	✔
LowBlue mode	✔
Picture enhancement	SmartImage
Regulatory Approvals	CE Mark; FCC Class B; SEMKO; CU-EAC; EAEU RoHS; TUV/GS; TUV Ergo; UKRAINIAN; ICES-003; CB; TUV Eye Comfort certified
Compliance certificates	RoHS, WEEE
Mean time between failures (MTBF)	70000 h
Ethernet LAN data rates	10,100,1000 Mbit/s
Ethernet LAN (RJ-45) ports	1
Wake-on-LAN	✔
Certification	CE Mark, FCC Class B, SEMKO, CU-EAC, EAEU RoHS, TUV/GS, TUV Ergo, UKRAINIAN, ICES-003, CB, TUV Eye Comfort certified

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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