

# Philips B Line 243B1JH/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Black

**Brand :** Philips

**Product family:** B Line

**Product code:** 243B1JH/00

**Product name :** 243B1JH/00

Business Monitor 243B1JH LCD monitor with USB docking

[Philips B Line 243B1JH/00 computer monitor 60.5 cm \(23.8"\) 1920 x 1080 pixels Full HD LCD Black:](#)

This Philips monitor offers 100 W power delivery and a simple laptop docking solution. One USB dual mesh cable with Type C and A connectors delivers video, Ethernet, power charge and DisplayLink functions. Windows Hello webcam offers greater security.

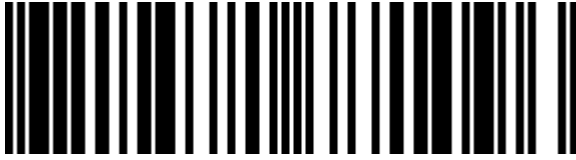
Philips B Line 243B1JH/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). 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")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Height adjustment	15 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	300 cd/m <sup>2</sup>	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Display surface	Matt	Tilt angle range	-5 - 30°
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
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		
Maximum refresh rate *	75 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	E
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	15 kWh
Display number of colours *	16.7 million colours	Power consumption (typical) *	14.2 W
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (standby) *	0.5 W
Pixel density	93 ppi	Power consumption (off)	0.3 W
Horizontal scan range	30 - 85 kHz	Power consumption (PowerSave)	13.5 W
Vertical scan range	48 - 75 Hz	AC input voltage	100 - 240 V
Viewable size, horizontal	57.8 cm	AC input frequency	50 - 60 Hz
Viewable size, vertical	29.6 cm	AC adapter output voltage	19 V
Digital horizontal frequency	30 - 85 kHz		
Digital vertical frequency	48 - 75 Hz		
Display diagonal (metric)	60.5 cm		

<b>Display</b>		<b>Power</b>	
DDC/CI	✓	Power supply type	External
Haze rate	25%	European Product Registry for Energy Labelling (EPREL) code	398405
Surface hardness	3H	<b>Operational conditions</b>	
sRGB coverage (typical)	105%	Operating temperature (T-T)	0 - 40 °C
NTSC coverage (typical)	88%	Storage temperature (T-T)	-20 - 60 °C
Display sRGB	✓	Operating relative humidity (H-H)	20 - 80%
<b>Performance</b>		Operating altitude	0 - 3658 m
NVIDIA G-SYNC *	✗	Non-operating altitude	0 - 12192 m
AMD FreeSync *	✗	<b>Weight &amp; dimensions</b>	
Component video sync	Separate sync	Width (with stand)	540 mm
Flicker-free technology	✓	Depth (with stand)	205 mm
Low Blue Light technology	✓	Height (with stand)	501 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Weight (with stand)	4.88 kg
	Mac OS X 10.0 Cheetah, Mac OS X 10.1 Puma, Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 10.2 Jaguar, Mac OS X 10.3 Panther, Mac OS X 10.4 Tiger, Mac OS X 10.5 Leopard, Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks, Mac OS X 11.0 Big Sur	Width (without stand)	540 mm
Mac operating systems supported		Depth (without stand)	51 mm
		Height (without stand)	323 mm
		Weight (without stand)	3.27 kg
<b>Multimedia</b>		<b>Packaging data</b>	
Number of speakers	2	Package width	730 mm
RMS rated power	3 W	Package depth	198 mm
Built-in speaker(s) *	✓	Package height	465 mm
Megapixel (approx.)	2 MP	Package weight	7.56 kg
Built-in microphone	✓	<b>Packaging content</b>	
Built-in camera *	✓	Stand included	✓
<b>Design</b>		Cables included	HDMI, DisplayPort, USB Type-C, DC, AC
Product colour *	Black	Manual	✓
Front bezel colour	Black	Bundled software	SmartControl
Feet colour	Black	<b>Sustainability</b>	
<b>Ports &amp; interfaces</b>		Sustainability certificates	ENERGY STAR, TCO
Built-in USB hub *	✓	Doesn't contain	PVC/BFR, Mercury
USB hub version	3.2 Gen 1 (3.1 Gen 1)	<b>Other features</b>	
USB upstream port type	USB Type-C	HBR3 support	✓
Number of upstream ports	1	USB Power Delivery revision	3.0
Number of USB Type-C upstream ports quantity	1	Exterior finish type	Textured
USB Type-A downstream ports quantity	4	Recyclable packaging material	100%
USB Type-C downstream ports quantity	1	Heavy metals free	Hg (mercury)
USB Type-C DisplayPort Alternate Mode	✓	ECO mode	✓
USB Power Delivery	✓	Light sensor	✓
USB Power Delivery up to	100 W	EasyRead mode	✓
DVI port	✗	LowBlue mode	✓
HDMI *	✓	Picture enhancement	SmartImage
HDMI ports quantity	1	Regulatory Approvals	UKRAINIAN; CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003; TUV Eye Comfort certified
HDMI version	1.4	Compliance certificates	RoHS
DisplayPorts quantity	1	Mean time between failures (MTBF)	70000 h
DisplayPort version	1.4	Ethernet LAN data rates	10,100,1000 Mbit/s
Audio input	✗	Ethernet LAN (RJ-45) ports	1
Audio output	✓	Wake-on-LAN	✓
Headphone out *	✗	Certification	UKRAINIAN, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003, TUV Eye Comfort certified
		<b>Recycling data</b>	
		Post-consumer recycled plastic	85%

Ports & interfaces		Logistics data	
HDCP	✓	Harmonized System (HS) code	85285210
HDCP version	1.4		
DC-in jack	✓		
DisplayPort output	✓		
Network			
Ethernet LAN	✓		



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