

PHILIPS

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.

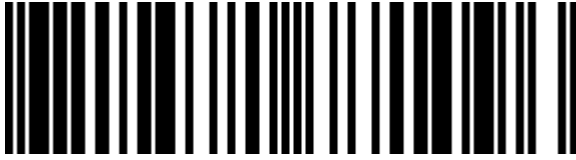
Philips B Line 243B1JH/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	60.5 cm (23.8")	HDCP version	1.4
Display resolution *	1920 x 1080 pixels	DC-in jack	✓
HD type *	Full HD	DisplayPort output	✓
Native aspect ratio *	16:9	Network	
Display technology *	LCD	Ethernet LAN	✓
Panel type *	IPS	Ergonomics	
Backlight type	W-LED	VESA mounting *	✓
Touchscreen *	✗	Panel mounting interface	100 x 100 mm
Display brightness (typical)	300 cd/m ²	Cable lock slot *	✓
Response time	4 ms	Cable lock slot type	Kensington
Display surface	Matt	Height adjustment *	✓
Anti-glare screen	✓	Height adjustment	15 cm
Screen shape *	Flat	Pivot	✓
Aspect ratio	16:9	Pivot angle	-90 - 90°
Contrast ratio (typical) *	1000:1	Swivel angle range	-180 - 180°
Contrast ratio (dynamic)	50000000:1	Tilt adjustment	✓
Dynamic contrast ratio marketing name	SmartContrast	Tilt angle range	-5 - 30°
Maximum refresh rate *	75 Hz	On Screen Display (OSD)	✓
Viewing angle, horizontal	178°	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
Viewing angle, vertical	178°	Number of OSD languages	21
Display number of colours *	16.7 million colours	Plug and Play	✓
Pixel pitch	0.2745 x 0.2745 mm	LED indicators	Operation, Stand-by
Pixel density	93 ppi	Power	
Horizontal scan range	30 - 85 kHz	Energy efficiency class (SDR) *	E
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	57.8 cm		
Viewable size, vertical	29.6 cm		
Digital horizontal frequency	30 - 85 kHz		
Digital vertical frequency	48 - 75 Hz		

Display		Power	
Display diagonal (metric)	60.5 cm	Energy consumption (SDR) per 1000 hours *	15 kWh
DDC/CI	✓	Power consumption (typical) *	14.2 W
Haze rate	25%	Power consumption (standby) *	0.5 W
Surface hardness	3H	Power consumption (off)	0.3 W
sRGB coverage (typical)	105%	Power consumption (PowerSave)	13.5 W
NTSC coverage (typical)	88%	AC input voltage	100 - 240 V
Display sRGB	✓	AC input frequency	50 - 60 Hz
Performance		AC adapter output voltage	19 V
NVIDIA G-SYNC *	✗	Power supply type	External
AMD FreeSync *	✗	Operational conditions	
Component video sync	Separate sync	Operating temperature (T-T)	0 - 40 °C
Flicker-free technology	✓	Storage temperature (T-T)	-20 - 60 °C
Low Blue Light technology	✓	Operating relative humidity (H-H)	20 - 80%
HBR3 support	✓	Operating altitude	0 - 3658 m
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Non-operating altitude	0 - 12192 m
Mac operating systems supported	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	Packaging content	
		Stand included	✓
		Cables included	HDMI, DisplayPort, USB Type-C, DC, AC
		Manual	✓
		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)	501 mm
RMS rated power	3 W	Weight (with stand)	4.88 kg
Megapixel (approx.)	2 MP	Width (without stand)	540 mm
Built-in microphone	✓	Depth (without stand)	51 mm
Design		Height (without stand)	323 mm
Product colour *	Black	Weight (without stand)	3.27 kg
Front bezel colour	Black	Packaging data	
Feet colour	Black	Package width	730 mm
Heavy metals free	Hg (mercury)	Package depth	198 mm
Certification	UKRAINIAN, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003, TUV Eye Comfort certified	Package height	465 mm
		Package weight	7.56 kg
Ports & interfaces		Sustainability	
Built-in USB hub *	✓	Sustainability certificates	ENERGY STAR, RoHS, TCO
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Doesn't contain	PVC/BFR, Mercury
USB upstream port type	USB Type-C	European Product Registry for Energy Labelling (EPREL) code	398405
Number of upstream ports	1	Recycling data	
Number of USB Type-C upstream ports quantity	1	Post-consumer recycled plastic	85%
USB Type-A downstream ports quantity	4	Logistics data	
USB Type-C downstream ports quantity	1	Harmonized System (HS) code	85285210
USB Type-C DisplayPort Alternate Mode	✓	Other features	
USB Power Delivery	✓	USB Power Delivery revision	3.0
USB Power Delivery up to	100 W	Exterior finish type	Textured
DVI port	✗	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
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
		ECO mode	✓
		Light sensor	✓
		EasyRead mode	✓
		LowBlue mode	✓

Ports & interfaces		Other features	
HDMI version	1.4	Mean time between failures (MTBF)	70000 h
DisplayPorts quantity	1	Ethernet LAN data rates	10,100,1000 Mbit/s
DisplayPort version	1.4	Ethernet LAN (RJ-45) ports	1
Audio input	✘	Wake-on-LAN	✓
Audio output	✓		
Headphone out *	✘		
HDCP	✓		



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