

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

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 100W 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. 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	Adjustable height (max)	15 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	300 cd/m²	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		
Contrast ratio (typical) *	1000:1		
Contrast ratio (dynamic)	50000000:1	Number of OSD languages	21
Dynamic contrast ratio marketing name	SmartContrast	Plug and Play	✓
Maximum refresh rate *	75 Hz	LED indicators	Operation, Stand-by
Viewing angle, horizontal	178°	Power	
Viewing angle, vertical	178°	Energy efficiency class (SDR) *	E
Display number of colours *	16.7 million colours	Energy consumption (SDR) per 1000 hours *	15 kWh
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (typical) *	14.2 W
Pixel density	93 ppi	Power consumption (standby) *	0.5 W
Horizontal scan range	30 - 85 kHz	Power consumption (off)	0.3 W
Vertical scan range	48 - 75 Hz	Power consumption (PowerSave)	13.5 W
Viewable size, horizontal	57.8 cm	AC input voltage	100 - 240 V
Viewable size, vertical	29.6 cm	AC input frequency	50 - 60 Hz
Digital horizontal frequency	30 - 85 kHz		
Digital vertical frequency	48 - 75 Hz		
Display diagonal (metric)	60.5 cm		

Display		Power	
DDC/CI	✓	AC adapter output voltage	19 V
Haze rate	25%	Power supply type	External
Surface hardness	3H	European Product Registry for Energy Labelling (EPREL) code	398405
sRGB coverage (typical)	105%	Operational conditions	
NTSC coverage (typical)	88%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
Performance		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗	Operating altitude	0 - 3658 m
AMD FreeSync *	✗	Non-operating altitude	0 - 12192 m
Component video sync	Separate sync	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	540 mm
Low Blue Light technology	✓	Depth (with stand)	205 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Height (with stand)	501 mm
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	Weight (with stand)	4.88 kg
		Width (without stand)	540 mm
		Depth (without stand)	51 mm
		Height (without stand)	323 mm
		Weight (without stand)	3.27 kg
	Packaging data		
		Package width	730 mm
		Package depth	198 mm
		Package height	465 mm
		Package weight	7.56 kg
Multimedia		Packaging content	
Number of speakers	2	Stand included	✓
RMS rated power	3 W	Cables included	HDMI, DisplayPort, USB Type-C, DC, AC
Built-in speaker(s) *	✓	Manual	✓
Megapixel (approx.)	2 MP	Bundled software	SmartControl
Built-in microphone	✓	Sustainability	
Built-in camera *	✓	Sustainability certificates	ENERGY STAR, TCO
Design		Doesn't contain	PVC/BFR, Mercury
Product colour *	Black	Other features	
Front bezel colour	Black	HBR3 support	✓
Feet colour	Black	USB Power Delivery revision	3.0
Ports & interfaces		Exterior finish type	Textured
Built-in USB hub *	✓	Recyclable packaging material	100%
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Heavy metals free	Hg (mercury)
USB upstream port type	USB Type-C	ECO mode	✓
Number of upstream ports	1	Light sensor	✓
Number of USB Type-C upstream ports quantity	1	EasyRead mode	✓
USB Type-A downstream ports quantity	4	LowBlue mode	✓
USB Type-C downstream ports quantity	1	Picture enhancement	SmartImage
USB Type-C DisplayPort Alternate Mode	✓	Regulatory Approvals	UKRAINIAN; CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003; TUV Eye Comfort certified
USB Power Delivery (USB PD)	✓	Compliance certificates	RoHS
USB Power Delivery up to	100 W	Mean time between failures (MTBF)	70000 h
DVI port	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HDMI *	✓	Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1	Wake-on-LAN	✓
HDMI version	1.4	Certification	UKRAINIAN, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003, TUV Eye Comfort certified
DisplayPorts quantity	1		
DisplayPort version	1.4		
Audio input	✗		

Ports & interfaces		Recycling data	
Audio output	✓	Post-consumer recycled plastic	85%
Headphone out *	✗	Logistics data	
HDCP	✓	Harmonized System (HS) code	85285210
HDCP version	1.4		
DC-in jack	✓		
DisplayPort output	✓		
Network			
Ethernet LAN	✓		



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