Philips B Line 243B9/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LED Black

Brand : Philips   **Product family:** B Line   **Product code:** 243B9/00

Product name : 243B9/00

Business Monitor 243B9 LCD monitor with USB-C

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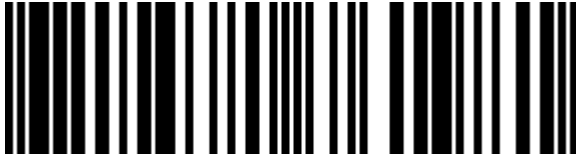
The Philips B line monitor with USB-C docking replaces cable clutter. View Full HD image and recharge your laptop all at the same time with a single USB-C cable. SmartErgo base, Flicker-free and LowBlue mode make work easy on the eyes.
Philips B Line 243B9/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, 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 *	LED	Height adjustment *	✔
Panel type *	IPS	Height adjustment	15 cm
Backlight type	W-LED	Pivot	✔
Touchscreen *	✘	Pivot angle	90 - 90°
Display brightness (typical)	250 cd/m²	Swivelling	✔
Response time *	4 ms	Swivel angle range	-175 - 175°
Display surface	Matt	Tilt adjustment	✔
Screen shape *	Flat	Tilt angle range	-5 - 30°
Supported graphics resolutions	1920 x 1080 (HD 1080)	On Screen Display (OSD)	✔
Supported video modes	1080p	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		
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°		
Display number of colours *	16.78 million colours	Energy efficiency class (SDR) *	D
Pixel pitch	0.275 x 0.275 mm	Energy consumption (SDR) per 1000 hours *	15 kWh
Pixel density	93 ppi	Power consumption (typical) *	17.1 W
Horizontal scan range	30 - 85 kHz	Power consumption (standby) *	0.3 W
Vertical scan range	48 - 75 Hz	Power consumption (PowerSave)	12.8 W
Viewable size, horizontal	52.7 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		

Display

Digital vertical frequency	48 - 75 Hz
DDC/CI	✓
Colour gamut standard	sRGB
Colour gamut	90%
sRGB coverage (typical)	104%
NTSC coverage (typical)	90%
3D	✗

Performance

Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	✓
Low Blue Light technology	✓
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1
Mac operating systems supported	✓

Multimedia

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

Design

Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)
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 Power Delivery up to	65 W
VGA (D-Sub) ports quantity	1
DVI port	✗
HDMI *	✓
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Headphone out *	✓
PC Audio in	✓
HDCP	✓
AC (power) in	✓

Power

Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	337895
External power adapter	✗

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)	541 mm
Depth (with stand)	216 mm
Height (with stand)	522 mm
Weight (with stand)	5.19 kg
Width (without stand)	541 mm
Depth (without stand)	63 mm
Height (without stand)	332 mm
Weight (without stand)	3.57 kg

Packaging data

Package width	600 mm
Package depth	198 mm
Package height	475 mm
Package weight	6.89 kg
Package type	Box

Packaging content

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

Sustainability

Sustainability certificates	ENERGY STAR

Other features

On/off switch	✓
USB Power Delivery revision	3.0
TV tuner integrated	✗
Recyclable packaging material	100%
Heavy metals free	Hg (mercury), Pb (lead)
EasyRead mode	✓
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Certification	CE Mark, FCC Class B, SEMKO, CU-EAC, TUV Ergo, TUV/GS, EPA, ICES-003, UKRAINIAN, CB

Recycling data

Post-consumer recycled plastic	85%

Logistics data

Harmonized System (HS) code	85285210

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