

Philips B Line 245B1/00 computer monitor 60.5 cm (23.8") 2560 x 1440 pixels Quad HD LED Black

Brand : Philips

Product family: B Line

Product code: 245B1/00

Product name : 245B1/00

- 24" Quad HD IPS 2560 x 1440
- 75 Hz, 4 ms
- Anti-Glare
- Business Monitor 245B1 LCD monitor with PowerSensor

Philips B Line 245B1/00 computer monitor 60.5 cm (23.8") 2560 x 1440 pixels Quad HD LED Black:

Get your best work done with this Philips monitor. Crystal-clear QHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

Philips B Line 245B1/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 2560 x 1440 pixels, HD type: Quad 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). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Height adjustment *	✓
Display resolution *	2560 x 1440 pixels	Adjustable height (max)	15 cm
HD type *	Quad HD	Pivot	✓
Native aspect ratio *	16:9	Pivot angle	-90 - 90°
Display technology *	LED	Swivelling	✓
Panel type *	IPS	Swivel angle range	-180 - 180°
LED backlight	✓	Tilt adjustment	✓
Backlight type	W-LED	Tilt angle range	-5 - 35°
Touchscreen *	✗	On Screen Display (OSD)	✓
Display brightness (typical)	250 cd/m²	On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Response time *	4 ms		
Display surface	Matt		
Anti-glare screen	✓		
Screen shape *	Flat	Number of OSD languages	21
Supported graphics resolutions	2560 x 1440	Plug and Play	✓
Aspect ratio	16:9	LED indicators	Operation, Stand-by
Contrast ratio (typical) *	1000:1	Power	
Contrast ratio (dynamic)	50000000:1	Energy efficiency class (SDR) *	E
Dynamic contrast ratio marketing name	SmartContrast	Energy consumption (SDR) per 1000 hours *	17 kWh
Maximum refresh rate *	75 Hz	Power consumption (typical) *	16.3 W
Viewing angle, horizontal	178°	Power consumption (standby) *	0.3 W
Viewing angle, vertical	178°	Power consumption (off)	0 W
Display number of colours *	16.7 million colours	Power consumption (PowerSave)	13 W
Pixel pitch	0.2058 x 0.2058 mm	AC input voltage	100 - 240 V
Pixel density	123 ppi	AC input frequency	50/60 Hz
Horizontal scan range	30 - 114 kHz	Power supply type	Internal
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		

Display		Power	
Viewable size, vertical	29.6 cm	Energy efficiency scale	A to G
Digital horizontal frequency	30 - 114 kHz	Operational conditions	
Digital vertical frequency	48 - 75 Hz	Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	60.5 cm	Storage temperature (T-T)	-20 - 60 °C
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Storage relative humidity (H-H)	20 - 80%
Surface hardness	3H	Operating altitude	0 - 3658 m
Colour gamut standard	sRGB, NTSC	Non-operating altitude	0 - 12192 m
Colour gamut	99%	Weight & dimensions	
sRGB coverage (typical)	116%	Width (with stand)	540 mm
NTSC coverage (typical)	99%	Depth (with stand)	205 mm
Display sRGB	✓	Height (with stand)	501 mm
Display panel size	23.8 inch / 60.5 cm	Weight (with stand)	4.78 kg
Performance		Width (without stand)	540 mm
NVIDIA G-SYNC *	✗	Depth (without stand)	51 mm
AMD FreeSync *	✗	Height (without stand)	323 mm
VESA Adaptive Sync support	✓	Weight (without stand)	3.2 kg
Component video sync	Separate Sync	Packaging data	
Flicker-free technology	✓	Package width	730 mm
Low Blue Light technology	✓	Package depth	139 mm
Multimedia		Package height	450 mm
Number of speakers	2	Package weight	7.46 kg
RMS rated power	4 W	Package type	Box
Built-in speaker(s) *	✓	Quantity per pack	1 pc(s)
Built-in camera *	✗	Packaging content	
Design		Stand included	✓
Product colour *	Black	Cables included	HDMI, DisplayPort, Audio (3.5mm), AC
Front bezel colour	Black	Manual	✓
Detachable stand	✓	Bundled software	SmartControl
Feet colour	Black	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, TCO
I/O ports	USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)	Doesn't contain	Mercury, PVC/BFR
Built-in USB hub *	✗	Other features	
USB upstream port type	USB Type-B	Compatible operating systems	Mac OS X; Windows 10 / 8.1 / 8 / 7
Number of upstream ports	1	Exterior finish type	Textured
USB Type-A downstream ports quantity	5	Monitor sync input signal	Separate Sync
DVI port	✓	User controls	SmartImage; Input; PowerSensor; Menu; Power On/Off
DVI-D ports quantity	1	Picture enhancement	SmartImage
HDMI *	✓	Signal input	DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4 x 1
HDMI ports quantity	1	Regulatory Approvals	CB; EPA; FCC Class B; ICES-003; CE Mark; TUV Ergo; TUV/GS; SEMKO; CU-EAC; UKRAINIAN; CCC; CECP; CEL; TUV Eye Comfort certified
HDMI version	1.4		
DisplayPorts quantity	1		
DisplayPort version	1.2	Heavy metals free	Hg (mercury)
Audio input	✗	Light sensor	✓
Headphone out *	✓	EasyRead mode	✓
HDCP	✓	LowBlue mode	✓
HDCP version	1.4	Compliance certificates	RoHS
AC (power) in	✓	Mean time between failures (MTBF)	70000 h
Ergonomics		Certification	CB, EPA, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, UKRAINIAN, CCC, CECP, CEL, TUV Eye Comfort certified
VESA mounting *	✓		
Panel mounting interface	100 x 100 mm		
Cable lock slot *	✓	Recycling data	
Cable lock slot type	Kensington	Packaging recyclability rate	100%

Recycling data	
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Product post-consumer recycled plastic	85%
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Logistics data	
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Harmonized System (HS) code	85285210
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Catalog Object Cloud



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