

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

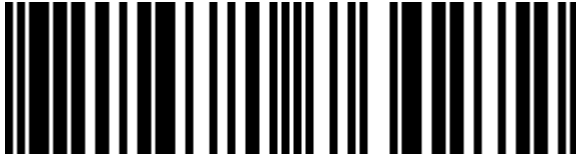
Philips B Line 245B1/00 LED display 60.5 cm (23.8") 2560 x 1440 pixels Quad HD Black:

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	15 cm
Display resolution *	2560 x 1440 pixels	Pivot	✓
HD type *	Quad HD	Pivot angle	-90 - 90°
Native aspect ratio *	16:9	Swivelling	✓
Display technology *	LED	Swivel angle range	-180 - 180°
Panel type *	IPS	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	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, 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 (PowerSave)	13 W
Display number of colours *	16.7 million colours	AC input voltage	100 - 240 V
Pixel pitch	0.2058 x 0.2058 mm	AC input frequency	50 - 60 Hz
Pixel density	123 ppi	Power supply type	Internal
Horizontal scan range	30 - 114 kHz	Energy efficiency scale	A to G
Vertical scan range	48 - 75 Hz	European Product Registry for Energy Labelling (EPREL) code	388603
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		

Display		Operational conditions	
Digital horizontal frequency	30 - 114 kHz	Operating temperature (T-T)	0 - 40 °C
Digital vertical frequency	48 - 75 Hz	Storage temperature (T-T)	-20 - 60 °C
Display diagonal (metric)	60.5 cm	Operating relative humidity (H-H)	20 - 80%
DDC/CI	✓	Storage relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour gamut standard	sRGB	Weight & dimensions	
Colour gamut	99%	Width (with stand)	540 mm
sRGB coverage (typical)	116%	Depth (with stand)	205 mm
NTSC coverage (typical)	99%	Height (with stand)	501 mm
Display sRGB	✓	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	600 mm
Low Blue Light technology	✓	Package depth	198 mm
Multimedia		Package height	465 mm
Number of speakers	2	Package weight	6.85 kg
RMS rated power	2 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
Built-in USB hub *	✗	Doesn't contain	PVC/BFR, Mercury
USB upstream port type	USB Type-B	Other features	
Number of upstream ports	1	Exterior finish type	Textured
USB Type-A downstream ports quantity	5	Picture enhancement	SmartImage
DVI port	✓	Recyclable packaging material	100%
DVI-D 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 *	✓		Heavy metals free
HDMI ports quantity	1		Hg (mercury)
HDMI version	1.4	Light sensor	✓
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.2	LowBlue mode	✓
Audio input	✗	Compliance certificates	RoHS
Headphone out *	✓	Mean time between failures (MTBF)	70000 h
HDCP	✓	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
HDCP version	1.4		
AC (power) in	✓		
Ergonomics		Recycling data	
VESA mounting *	✓	Post-consumer recycled plastic	85%
Panel mounting interface	100 x 100 mm	Logistics data	
Cable lock slot *	✓	Harmonized System (HS) code	85285210
Cable lock slot type	Kensington		
Height adjustment *	✓		



8712581764272

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 20-DEC-2024. Prints or copies of Information are only valid on the printed Publication date