

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		
Digital horizontal frequency	30 - 114 kHz		

Display		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	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
Performance			Weight (with stand)	4.78 kg
NVIDIA G-SYNC *	✖		Width (without stand)	540 mm
AMD FreeSync *	✖	Depth (without stand)	51 mm	
VESA Adaptive Sync support	✔	Height (without stand)	323 mm	
Component video sync	Separate sync	Weight (without stand)	3.2 kg	
Flicker-free technology	✔	Packaging data		
Low Blue Light technology	✔		Package width	600 mm
Multimedia			Package depth	198 mm
Number of speakers	2		Package height	465 mm
RMS rated power	2 W		Package weight	6.85 kg
Built-in speaker(s) *	✔		Package type	Box
Built-in camera *	✖	Quantity per pack	1 pc(s)	
Design		Packaging content		
Product colour *	Black	Stand included	✔	
Front bezel colour	Black	Cables included	HDMI, DisplayPort, Audio (3.5mm), AC	
Detachable stand	✔	Manual	✔	
Feet colour	Black	Bundled software	SmartControl	
Ports & interfaces		Sustainability		
Built-in USB hub *	✖	Sustainability certificates	ENERGY STAR, TCO	
USB upstream port type	USB Type-B	Doesn't contain	PVC/BFR, Mercury	
Number of upstream ports	1	Other features		
USB Type-A downstream ports quantity	5		Exterior finish type	Textured
DVI port	✔		Picture enhancement	SmartImage
DVI-D ports quantity	1		Recyclable packaging material	100%
HDMI *	✔		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 ports quantity	1			Heavy metals free
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 *	✔			



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