

Philips B Line LCD monitor with PowerSensor 240B7QPTEB/00

Brand : Philips **Product family:** B Line **Product code:** 240B7QPTEB/00

Product name : LCD monitor with PowerSensor 240B7QPTEB/00

- B Line
- 24 (Viewable 24.1"/61.1 cm)
- 24 (Viewable 24.1" / 61.1 cm)
- WUXGA (1920 x 1200)

Brilliance 240B7QPTEB LCD monitor with PowerSensor

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The Philips PowerSensor display using 85% post consumer recycled plastics and PVC, BFR free housing is ideal for eco-friendly productivity
 Philips B Line LCD monitor with PowerSensor 240B7QPTEB/00. Display diagonal: 61.2 cm (24.1"), Display resolution: 1920 x 1200 pixels, HD type: WUXGA, Display technology: LED. Display: LED. Response time: 5 ms, Native aspect ratio: 16:10, 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 *	61.2 cm (24.1")	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
Display resolution *	1920 x 1200 pixels		Number of OSD languages
HD type *	WUXGA	Plug and Play	✓
Native aspect ratio *	16:10	LED indicators	Operation, Stand-by
Display technology *	LED	Power	
Panel type *	IPS	Energy efficiency class (SDR) *	E
Backlight type	W-LED	Energy consumption (SDR) per 1000 hours *	19 kWh
Touchscreen *	✗	Power consumption (typical) *	12.18 W
Display brightness (typical)	300 cd/m ²	Power consumption (standby) *	0.3 W
Response time *	5 ms	Power consumption (off)	0 W
Screen shape *	Flat	Power consumption (PowerSave)	15.2 W
Supported graphics resolutions	1920 x 1200 (WUXGA)	AC input voltage	100 - 240 V
Aspect ratio	16:10	AC input frequency	50 - 60 Hz
Contrast ratio (typical) *	1000:1	Power supply type	Internal
Contrast ratio (dynamic)	20000000:1	Energy efficiency scale	A to G
Dynamic contrast ratio marketing name	SmartContrast	European Product Registry for Energy Labelling (EPREL) code	398389
Maximum refresh rate *	60 Hz	Operational conditions	
Viewing angle, horizontal	178°	Operating temperature (T-T)	0 - 40 °C
Viewing angle, vertical	178°	Storage temperature (T-T)	-20 - 60 °C
Display number of colours *	16.7 million colours	Operating relative humidity (H-H)	20 - 80%
Pixel pitch	0.27 x 0.27 mm	Operating altitude	0 - 3658 m
Horizontal scan range	30 - 83 kHz	Non-operating altitude	0 - 12192 m
Vertical scan range	56 - 76 Hz	Relative humidity	20 - 80%
Viewable size, horizontal	51.8 cm		
Viewable size, vertical	32.4 cm		
Digital horizontal frequency	30 - 83 kHz		
Digital vertical frequency	56 - 76 Hz		
Sync-on-green (SOG)	✓		
Display diagonal (metric)	61.1 cm		

Display		Weight & dimensions	
DDC/CI	✓	Width (with stand)	533 mm
Colour gamut standard	sRGB	Depth (with stand)	257 mm
3D	✗	Height (with stand)	549 mm
Separate H/V sync	✓	Weight (with stand)	6.57 kg
Display sRGB	✓	Width (without stand)	533 mm
Performance		Depth (without stand)	57 mm
Component video sync	Separate sync, Sync-on-green (SOG)	Height (without stand)	360 mm
Flicker-free technology	✓	Weight (without stand)	4.14 kg
Windows operating systems supported	✓	Packaging data	
Mac operating systems supported	✓	Package width	595 mm
Multimedia		Package depth	224 mm
Number of speakers	2	Package height	520 mm
RMS rated power	2 W	Package weight	9.25 kg
Built-in speaker(s) *	✓	Packaging content	
Built-in camera *	✗	Stand included	✓
Design		Cables included	AC, Audio (3.5mm), DisplayPort, VGA
Market positioning *	Home	Remote control included	✗
Product colour *	Black	Manual	✓
Front bezel colour	Black	Bundled software	SmartControl
Feet colour	Black	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, TCO
USB version	3.2 Gen 1 (3.1 Gen 1)	Doesn't contain	PVC/BFR, Mercury
Built-in USB hub *	✓	Other features	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Display	LED
VGA (D-Sub) ports quantity	1	On/off switch	✓
DVI port	✗	TV tuner integrated	✗
HDMI ports quantity	1.4	Exterior finish type	Textured
HDMI version	1.4	Recyclable packaging material	100%
DisplayPorts quantity	1.2	Heavy metals free	Hg (mercury)
DisplayPort version	1.2	ECO mode	✓
Mini DisplayPorts quantity	1	Mac compatibility	✓
Headphone out *	✓	USB charging port	✓
Headphone outputs	1	No flickering	✓
PC Audio in	✓	Compliance certificates	RoHS
AC (power) in	✓	Recommended resolution	1920 x 1200 @ 60 Hz
DisplayPort output	✓	Picture enhancement	SmartImage
Ergonomics		Regulatory Approvals	CE Mark; FCC Class B; SEMKO; cETLus; CU-EAC; TUV Ergo; TUV/GS; EPA; WEEE; ICES-003; UKRAINIAN
VESA mounting *	✓	Active display area (W x H)	518 x 324 mm
Panel mounting interface	100 x 100 mm	Mean time between failures (MTBF)	70000 h
Cable lock slot *	✓	Compliance industry standards	
Cable lock slot type	Kensington	CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TCO edge, TUV Ergo, TUV/GS, EPA, WEEE, ICES-003, UKRAINIAN	
Height adjustment *	✓	Certification	
Height adjustment	15 cm	CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TUV Ergo, TUV/GS, EPA, WEEE, ICES-003, UKRAINIAN	
Pivot	✓	Recycling data	
Pivot angle	90 - 90°	Total amount of recyclable materials	85%
Swivelling	✓	Post-consumer recycled plastic	85%
Swivel angle range	-175 - 175°	Thin Client	
Tilt adjustment	✓	Thin client installed	✗
Tilt angle range	-5 - 30°		
On Screen Display (OSD)	✓		



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