

## Philips B Line 242B1/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD Black

**Brand :** Philips

**Product family:** B Line

**Product code:** 242B1/00

**Product name :** 242B1/00

Business Monitor 242B1 LCD monitor with PowerSensor

Philips B Line 242B1/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD Black:

Get your best work done with this Philips monitor. IPS screen with crisp FHD gives the clarity to see your work. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

Philips B Line 242B1/00. 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 2 (3.1 Gen 2). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Panel mounting interface	100 x 100 mm
Display resolution *	1920 x 1080 pixels	Cable lock slot *	✓
HD type *	Full HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LED	Adjustable height (max)	15 cm
Panel type *	IPS	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	300 cd/m²	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Display surface	Matt	Tilt angle range	-5 - 35°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	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
Supported graphics resolutions	1920 x 1080 (HD 1080)		
Aspect ratio	16:9		
Contrast ratio (typical) *	1000:1	Number of OSD languages	21
Contrast ratio (dynamic)	50000000:1	Plug and Play	✓
Dynamic contrast ratio marketing name	SmartContrast	LED indicators	Operation, Stand-by
Maximum refresh rate *	75 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	D
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	17 kWh
Display number of colours *	16.7 million colours	Power consumption (typical) *	14.5 W
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (standby) *	0.35 W
Pixel density	93 ppi	Power consumption (off)	0 W
Horizontal scan range	30 - 85 kHz	Power consumption (PowerSave)	10.4 W
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		

Display		Power	
Digital horizontal frequency	30 - 85 kHz	AC input voltage	100 - 240 V
Digital vertical frequency	48 - 75 Hz	AC input frequency	50 - 60 Hz
Sync-on-green (SOG)	✓	Power supply type	Internal
Display diagonal (metric)	60.5 cm	Energy efficiency scale	A+++ to D
DDC/CI	✓	European Product Registry for Energy Labelling (EPREL) code	420473
Haze rate	25%	Operational conditions	
Surface hardness	3H	Operating temperature (T-T)	0 - 40 °C
Colour gamut standard	sRGB	Storage temperature (T-T)	-20 - 60 °C
Colour gamut	91%	Operating relative humidity (H-H)	20 - 80%
sRGB coverage (typical)	107%	Operating altitude	0 - 3658 m
NTSC coverage (typical)	91%	Non-operating altitude	0 - 12192 m
Display sRGB	✓	Weight & dimensions	
Performance		Width (with stand)	540 mm
VESA Adaptive Sync support	✓	Depth (with stand)	205 mm
Component video sync	Separate sync, Sync-on-green (SOG)	Height (with stand)	501 mm
Flicker-free technology	✓	Weight (with stand)	4.57 kg
Low Blue Light technology	✓	Width (without stand)	540 mm
Multimedia		Depth (without stand)	51 mm
Number of speakers	2	Height (without stand)	323 mm
RMS rated power	2 W	Weight (without stand)	2.99 kg
Built-in speaker(s) *	✓	Packaging data	
Built-in camera *	✗	Package width	730 mm
Design		Package depth	198 mm
Market positioning *	Business	Package height	465 mm
Product colour *	Black	Package weight	7.36 kg
Front bezel colour	Black	Package type	Box
Detachable stand	✓	Packaging content	
Feet colour	Black	Stand included	✓
Ports & interfaces		Cables included	VGA, HDMI, DisplayPort, Audio (3.5mm), AC
Built-in USB hub *	✓	Manual	✓
USB hub version	3.2 Gen 2 (3.1 Gen 2)	Bundled software	SmartControl
USB upstream port type	USB Type-B	Sustainability	
Number of upstream ports	1	Sustainability certificates	ENERGY STAR, TCO
USB Type-A downstream ports quantity	4	Doesn't contain	PVC/BFR, Mercury
VGA (D-Sub) ports quantity	1	Other features	
DVI port	✓	Exterior finish type	Textured
DVI-D ports quantity	1	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	1	Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV Ergo; TUV/GS; CU-EAC; CCC; CECP; CEL; UKRAINIAN; TUV Eye Comfort certified
HDMI version	1.4	Heavy metals free	Hg (mercury)
DisplayPorts quantity	1	Light sensor	✓
DisplayPort version	1.2	EasyRead mode	✓
Audio input	✗	LowBlue mode	✓
Headphone out *	✓	Compliance certificates	RoHS
Headphone outputs	1	Mean time between failures (MTBF)	70000 h
Headphone connectivity	3.5 mm	Certification	CB, EPA, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, CCC, CECP, CEL, UKRAINIAN, TUV Eye Comfort certified
PC Audio in	✓	Recycling data	
HDCP	✓	Post-consumer recycled plastic	85%
HDCP version	1.4		
AC (power) in	✓		
Ergonomics			
VESA mounting *	✓		

**Logistics data**

Harmonized System (HS) code	85285210
-----------------------------	----------



8712581764210

### Catalog Object Cloud



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.