

PHILIPS

Philips 242B1G/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD Black

Brand : Philips

Product code: 242B1G/00

Product name : 242B1G/00

B Line LCD monitor with super energy efficiency

Philips 242B1G/00 LED display 60.5 cm (23.8") 1920 x 1080 pixels Full HD Black:

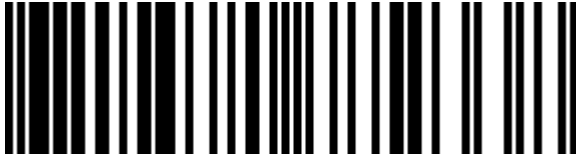
The eco-friendly Philips 24" monitor is designed for sustainable productivity. Super-energy-efficient design delivers a new level of power savings. PowerSensor and LightSensor further reduce energy use while delivering crisp visuals.

Philips 242B1G/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. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LED	Height adjustment *	✓
Panel type *	IPS	Height adjustment	15 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	250 cd/m ²	Swivelling	✓
Response time	4 ms	Swivel angle range	-180 - 180°
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
Aspect ratio	16:9	Number of OSD languages	21
Contrast ratio (typical) *	1000:1	Plug and Play	✓
Contrast ratio (dynamic)	50000000:1	LED indicators	Operation, Stand-by
Dynamic contrast ratio marketing name	SmartContrast	Tilt adjustment	✓
Maximum refresh rate *	75 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	C
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	13 kWh
Display number of colours *	16.7 million colours	Power consumption (typical) *	12.8 W
Pixel pitch	0.2745 x 0.2745 mm	Power consumption (standby) *	0.35 W
Pixel density	93 ppi	Power consumption (PowerSave)	8.6 W
Horizontal scan range	30 - 85 kHz	AC input voltage	100 - 240 V
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		
Viewable size, vertical	29.6 cm		
Viewable size diagonal	60.5 cm		
Digital horizontal frequency	30 - 85 kHz		

Display		Power	
Sync-on-green (SOG)	✓	AC input frequency	50 - 60 Hz
Display diagonal (metric)	60.5 cm	Power supply type	Internal
DDC/CI	✓	Operational conditions	
Haze rate	25%	Operating temperature (T-T)	0 - 40 °C
Surface hardness	3H	Storage temperature (T-T)	-20 - 60 °C
RGB colour space	sRGB	Operating relative humidity (H-H)	20 - 80%
sRGB coverage (typical)	102%	Operating altitude	0 - 3658 m
NTSC coverage (typical)	78%	Non-operating altitude	0 - 12192 m
Display sRGB	✓	Packaging content	
Performance		Stand included	✓
VESA Adaptive Sync support	✓	Cables included	HDMI, DisplayPort, AC
Component video sync	Separate sync, Sync-on-green (SOG)	Quick start guide	✓
Flicker-free technology	✓	Manual	✓
Low Blue Light technology	✓	Bundled software	SmartControl
Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7	Weight & dimensions	
Multimedia		Width (with stand)	540 mm
Built-in speaker(s) *	✓	Depth (with stand)	205 mm
Built-in camera *	✗	Height (with stand)	501 mm
Number of speakers	2	Weight (with stand)	4.92 kg
RMS rated power	2 W	Width (without stand)	540 mm
Design		Depth (without stand)	47 mm
Product colour *	Black	Height (without stand)	323 mm
Frameless design	✓	Weight (without stand)	3.32 kg
Front bezel colour	Black	Packaging data	
Detachable stand	✓	Package width	730 mm
Feet colour	Black	Package depth	139 mm
Heavy metals free	Hg (mercury)	Package height	450 mm
Certification	CB, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, CCC, CECP, CEL, UKRAINIAN, TUV Eye Comfort certified	Package weight	7.61 kg
Ports & interfaces		Sustainability	
Built-in USB hub *	✓	Sustainability certificates	ENERGY STAR, RoHS, TCO
USB upstream port type	USB Type-B	Doesn't contain	PVC/BFR, Mercury
Number of upstream ports	1	European Product Registry for Energy Labelling (EPREL) code	427519
USB Type-A downstream ports quantity	4	Recycling data	
VGA (D-Sub) ports quantity	1	Post-consumer recycled plastic	85%
DVI port	✓	Logistics data	
DVI-D ports quantity	1	Harmonized System (HS) code	85285210
HDMI *	✓	Other features	
HDMI ports quantity	1	Exterior finish type	Textured
HDMI version	1.4	Picture enhancement	SmartImage
DisplayPorts quantity	1.2	Recyclable packaging material	100%
DisplayPort version	1.2	Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV Ergo; TUV/GS; SEMKO; CU-EAC; CCC; CECP; CEL; UKRAINIAN; TUV Eye Comfort certified
Audio input	✓	ECO mode	✓
Audio output	✓	Light sensor	✓
PC Audio in	✓	EasyRead mode	✓
HDCP	✓	LowBlue mode	✓
HDCP version	1.4	Mean time between failures (MTBF)	70000 h



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