

Philips 242B9TL/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Touchscreen Black

Brand : Philips

Product code: 242B9TL/00

Product name : 242B9TL/00

Monitor 242B9TL LCD monitor with SmoothTouch

Philips 242B9TL/00 computer monitor 60.5 cm (23.8") 1920 x 1080 pixels Full HD LCD Touchscreen Black:

A sturdy, water and dust resistant, anti-glare touch screen monitor for flexible use anywhere, with articulating stand to fit angles you need. Offering simple and intuitive use across applications, greatly boosts up productivity.

Philips 242B9TL/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Response time: 5 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")	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 1080 pixels		
HD type *	Full HD		
Native aspect ratio *	16:9		
Display technology *	LCD	Palm rejection area	30 x 30 mm
Panel type *	IPS	Plug and Play	✓
Backlight type	W-LED	LED indicators	Operation, Stand-by
Touchscreen *	✓	Power	
Touchscreen technology	Projected capacitive system	Energy efficiency class (SDR) *	E
Touch technology	Multi-touch	Energy consumption (SDR) per 1000 hours *	18 kWh
Number of simultaneous touchpoints	10	Power consumption (typical) *	15.68 W
Display brightness (typical)	250 cd/m²	Power consumption (standby) *	0.5 W
Display brightness	250 cd/m²	Power consumption (off)	0.3 W
Response time *	5 ms	Power consumption (PowerSave)	11.5 W
Screen shape *	Flat	AC input voltage	100 - 240 V
Aspect ratio	16:9	AC input frequency	50 - 60 Hz
Contrast ratio (typical) *	1000:1	Power supply type	External
Contrast ratio (dynamic)	50000000:1	Energy efficiency scale	A to G
Dynamic contrast ratio marketing name	SmartContrast	European Product Registry for Energy Labelling (EPREL) code	399650
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
Pixel pitch	0.275 x 0.275 mm	Operating relative humidity (H-H)	20 - 80%
Pixel density	93 ppi	Operating altitude	0 - 3658 m
Horizontal scan range	30 - 85 kHz	Non-operating altitude	0 - 12192 m
Vertical scan range	48 - 75 Hz	Weight & dimensions	
Viewable size, horizontal	52.7 cm	Width (with stand)	554 mm
Viewable size, vertical	29.6 cm		
Digital horizontal frequency	30 - 85 kHz		
Digital vertical frequency	48 - 75 Hz		

Display		Weight & dimensions	
Display diagonal (metric)	60.5 cm	Depth (with stand)	227 mm
DDC/CI	✓	Height (with stand)	413 mm
Haze rate	5%	Weight (with stand)	8.15 kg
Surface hardness	7H	Width (without stand)	554 mm
Colour gamut standard	sRGB	Depth (without stand)	50 mm
Colour gamut	72%	Height (without stand)	338 mm
Display sRGB	✓	Weight (without stand)	4.86 kg
Performance		Packaging data	
NVIDIA G-SYNC *	✗	Package width	620 mm
AMD FreeSync *	✗	Package depth	168 mm
Component video sync	Separate sync, Sync-on-green (SOG)	Package height	433 mm
Flicker-free technology	✓	Package weight	11.1 kg
Low Blue Light technology	✓	Packaging content	
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Stand included	✓
Multimedia		Cables included	VGA, HDMI, DisplayPort, USB Type-A to USB Type-B, Audio (3.5mm), AC
Number of speakers	2	Manual	✓
RMS rated power	2 W	Bundled software	SmartControl
Built-in speaker(s) *	✓	Sustainability	
Design		Sustainability certificates	ENERGY STAR, TCO
Product colour *	Black	Doesn't contain	PVC/BFR, Mercury
Front bezel colour	Black	Other features	
Feet colour	Black	International Protection (IP) code	IP65
Ports & interfaces		Recommended resolution	1920 x 1080 @ 60 Hz
USB Touch port	✓	Display viewable area (HxV)	527 x 296.5 mm
VGA (D-Sub) ports quantity	1	Picture enhancement	SmartImage
HDMI ports quantity	1	Recyclable packaging material	100%
HDMI version	1.4	Regulatory Approvals	CB; CE Mark; FCC Class B; SEMKO; UKRAINIAN; ICES-003; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; cETLus
DisplayPorts quantity	1	Mobile operating systems supported	Android 7.1, Android 7.0, Android 6.0, Android 5.0, Android 4.4
DisplayPort version	1.2	Heavy metals free	Hg (mercury)
Headphone out *	✓	Folding angle	70°
PC Audio in	✓	Touch method	Stylus, Finger, Glove
Ergonomics		EasyRead mode	✓
VESA mounting *	✓	Compliance certificates	RoHS, WEEE
Panel mounting interface	100 x 100 mm	Mean time between failures (MTBF)	70000 h
Cable lock slot *	✓	Certification	CB, CE Mark, FCC Class B, SEMKO, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, cETLus
Cable lock slot type	Kensington	Logistics data	
Height adjustment *	✓	Harmonized System (HS) code	85285210
Height adjustment	7.5 cm		
Tilt angle range	-5 - 90°		



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