

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

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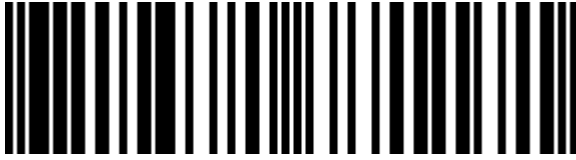
A sturdy, water-resistant and dust-resistant, anti-glare touchscreen monitor for flexible use anywhere, with articulating stand to fit angles you need. Offering simple and intuitive use across applications, greatly boosts productivity.

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			
Panel type *	IPS		Palm rejection area	30 x 30 mm
Backlight type	W-LED		Plug and Play	✓
Touchscreen *	✓		LED indicators	Operation, Stand-by
Touchscreen technology	Projected capacitive system		Power	
Touch technology	Multi-touch		Energy efficiency class (SDR) *	E
Number of simultaneous touchpoints	10	Energy consumption (SDR) per 1000 hours *	18 kWh	
Display brightness (typical)	250 cd/m ²	Power consumption (typical) *	15.68 W	
Display brightness	250 cd/m ²	Power consumption (standby) *	0.5 W	
Response time *	5 ms	Power consumption (off)	0.3 W	
Screen shape *	Flat	Power consumption (PowerSave)	11.5 W	
Aspect ratio	16:9	AC input voltage	100 - 240 V	
Contrast ratio (typical) *	1000:1	AC input frequency	50 - 60 Hz	
Contrast ratio (dynamic)	50000000:1	Power supply type	External	
Dynamic contrast ratio marketing name	SmartContrast	Energy efficiency scale	A to G	
Maximum refresh rate *	60 Hz	European Product Registry for Energy Labelling (EPREL) code	399650	
Viewing angle, horizontal	178°	Operational conditions		
Viewing angle, vertical	178°	Operating temperature (T-T)	0 - 40 °C	
Pixel pitch	0.275 x 0.275 mm	Storage temperature (T-T)	-20 - 60 °C	
Pixel density	93 ppi	Operating relative humidity (H-H)	20 - 80%	
Horizontal scan range	30 - 85 kHz	Operating altitude	0 - 3658 m	
Vertical scan range	48 - 75 Hz	Non-operating altitude	0 - 12192 m	
Viewable size, horizontal	52.7 cm	Weight & dimensions		
Viewable size, vertical	29.6 cm	Width (with stand)	554 mm	
Digital horizontal frequency	30 - 85 kHz	Depth (with stand)	227 mm	
Digital vertical frequency	48 - 75 Hz			

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



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