

Philips LCD monitor with SmoothTouch 242B9T/00

Brand : Philips

Product code: 242B9T/00

Product name : LCD monitor with SmoothTouch 242B9T/00

- B Line
- 24 (23.8"/60.5 cm diag.)
- Full HD (1920 x 1080)

Monitor 242B9T LCD monitor with SmoothTouch

Philips LCD monitor with SmoothTouch 242B9T/00:

A sturdy, water and dust resistant 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 LCD monitor with SmoothTouch 242B9T/00. Display diagonal: 60.5 cm (23.8"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD, Display surface: Gloss, Response time: 5 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 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	60.5 cm (23.8")	Wall mountable	✓
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 *	LCD	Adjustable height (max)	18.4 cm
Panel type *	IPS	Pivot	✗
Backlight type	W-LED	Swivelling	✗
Touchscreen *	✗	Tilt adjustment	✓
Touchscreen type	Tabletop	Tilt angle range	-5 - 90°
Touchscreen technology	Capacitive	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
Touch technology	Multi-touch		
Number of simultaneous touchpoints	10	Number of OSD languages	20
Display brightness (typical)	250 cd/m²	Plug and Play	✓
Display brightness	250 cd/m²	LED indicators	Power, Stand-by
Response time *	5 ms	Power	
Display surface	Gloss	Energy efficiency class (SDR) *	E
Screen shape *	Flat	Energy consumption (SDR) per 1000 hours *	18 kWh
Aspect ratio	16:9	Power consumption (typical) *	16 W
Contrast ratio (typical) *	1000:1	Power consumption (standby) *	0.5 W
Contrast ratio (dynamic)	50000000:1	Power consumption (off)	0.3 W
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (PowerSave)	11.5 W
Maximum refresh rate *	60 Hz	AC input voltage	100-240
Viewing angle, horizontal	178°	AC input frequency	50-60 Hz
Viewing angle, vertical	178°	Power supply type	AC
Display number of colours *	16.78 million colours	Energy efficiency scale	A to G
Pixel pitch	0.275 x 0.275 mm		
Pixel density	93 ppi		
Horizontal scan range	30 - 85 kHz		
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	52.7 cm		

Display		Operational conditions	
Viewable size, vertical	29.6 cm	Operating temperature (T-T)	0 - 40 °C
Digital horizontal frequency	30 - 85 kHz	Storage temperature (T-T)	-20 - 60 °C
Digital vertical frequency	48 - 75 Hz	Operating relative humidity (H-H)	20 - 80%
Sync-on-green (SOG)	✓	Operating altitude	0 - 3658 m
Display diagonal (metric)	60.5 cm	Non-operating altitude	0 - 12192 m
DDC/CI	✓	Weight & dimensions	
Surface hardness	7H	Width (with stand)	554 mm
Colour gamut standard	sRGB	Depth (with stand)	227 mm
Colour gamut	72%	Height (with stand)	413 mm
NTSC coverage (typical)	72%	Weight (with stand)	8.15 kg
3D	✗	Width (without stand)	554 mm
Separate H/V sync	✓	Depth (without stand)	50 mm
Display sRGB	✓	Height (without stand)	338 mm
Performance		Weight (without stand)	4.86 kg
NVIDIA G-SYNC *	✗	Packaging data	
AMD FreeSync *	✗	Package dimensions (WxDxH)	620 x 433 x 168 mm
Component video sync	Separate Sync, Sync-on-green (SOG)	Package width	620 mm
Flicker-free technology	✓	Package depth	168 mm
Low Blue Light technology	✓	Package height	433 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Package weight	11.1 kg
OmniTaps Multitouch compatibility	✗	Package type	Box
Multimedia		Packaging content	
Number of speakers	2	Stand included	✓
RMS rated power	4 W	Cables included	VGA, HDMI, DisplayPort, USB Type-A to USB Type-B, Audio (3.5mm), AC
Built-in speaker(s) *	✓	Manual	✓
Built-in microphone	✗	Bundled software	SmartControl
Built-in camera *	✗	Sustainability	
Design		Sustainability certificates	ENERGY STAR
Market positioning *	Home	Doesn't contain	PVC/BFR, Mercury
Product colour *	Black	Other features	
Front bezel colour	Black	International Protection (IP) code	IP54
Feet colour	Black	Rotating	✗
Ports & interfaces		TV tuner integrated	✗
Built-in USB hub *	✓	Exterior finish type	Textured
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Display viewable area (HxV)	527 x 296.5 mm
USB Type-A downstream ports quantity	2	Mobile operating systems supported	Android 7.1, Android 7.0, Android 6.0, Android 5.0, Android 4.4
VGA (D-Sub) ports quantity	1	Heavy metals free	Hg (mercury)
DVI port	✓	Folding angle	70°
DVI-D ports quantity	1	EasyRead mode	✓
HDMI *	✓	LowBlue mode	✓
HDMI ports quantity	1.4	Picture enhancement	SmartImage
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	1.2	Touch method	Stylus, Finger, Glove
DisplayPort version	1.2	Energy efficiency class (old)	A
Audio input	✓	Compliance certificates	RoHS
Headphone out *	✓	Mean time between failures (MTBF)	70000 h
Headphone outputs	1	Supplied AC adapter type	1920 x 1080 @ 60 Hz
PC Audio in	✓	Certification	CE Mark, FCC Class B, SEMKO, EPA, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC
HDCP	✓	Recycling data	
HDCP version	1.4	Recyclable packaging material	100%
Ergonomics		Logistics data	
VESA mounting *	✓	Harmonized System (HS) code	85285210
Panel mounting interface	100 x 100 mm		



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Catalog Object Cloud



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