

Philips LCD monitor with SmoothTouch 222B9T/00

Brand : Philips

Product code: 222B9T/00

Product name : LCD monitor with SmoothTouch 222B9T/00

Monitor 222B9T LCD monitor with SmoothTouch

Philips LCD monitor with SmoothTouch 222B9T/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 productivity.

Philips LCD monitor with SmoothTouch 222B9T/00. Display diagonal: 54.6 cm (21.5"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LCD. Display: TN+Film. Display surface: Gloss. Response time: 1 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 170°, Viewing angle, vertical: 160°. Built-in speaker(s). VESA mounting, Height adjustment. Product colour: Black



Display		Ports & interfaces	
Display diagonal *	54.6 cm (21.5")	HDCP version	1.4
Display resolution *	1920 x 1080 pixels	Ergonomics	
HD type *	Full HD	VESA mounting *	✓
Native aspect ratio *	16:9	Panel mounting interface	100 x 100 mm
Display technology *	LCD	Wall mountable	✓
Panel type *	TFT	Cable lock slot *	✓
LED backlight	✓	Cable lock slot type	Kensington
Backlight type	W-LED	Height adjustment *	✓
Touchscreen *	✓	Height adjustment	7.6 cm
Touchscreen type	Table	Tilt adjustment	✓
Touchscreen technology	Projected capacitive system	Tilt angle range	-5 - 90°
Touch technology	Multi-touch	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
Number of simultaneous touchpoints	10	Palm rejection area	30 x 30 mm
Display brightness (typical)	250 cd/m ²	Plug and Play	✓
Response time	1 ms	LED indicators	Operation, Stand-by
Display surface	Gloss	Power	
Screen shape *	Flat	Energy efficiency class (SDR) *	D
Supported graphics resolutions	1920 x 1080 (HD 1080)	Energy consumption (SDR) per 1000 hours *	13 kWh
Supported video modes	1080p	Power consumption (typical) *	11.92 W
Aspect ratio	16:9	Power consumption (standby) *	0.5 W
Contrast ratio (typical) *	1000:1	Power consumption (off)	0.3 W
Contrast ratio (dynamic)	50000000:1	Power consumption (PowerSave)	10.3 W
Dynamic contrast ratio marketing name	SmartContrast	AC input voltage	100 - 240 V
Maximum refresh rate *	60 Hz	AC input frequency	50 - 60 Hz
Viewing angle, horizontal	170°		
Viewing angle, vertical	160°		
Display number of colours *	16.78 million colours		
Pixel pitch	0.248 x 0.248 mm		

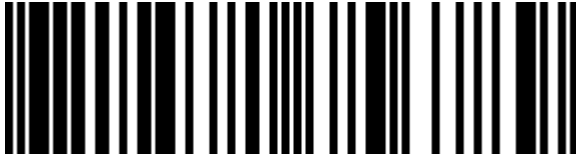
Display		Power	
Pixel density	102 ppi	Power supply type	External
Horizontal scan range	30 - 85 kHz	Energy efficiency scale	A to G
Vertical scan range	48 - 75 Hz	External power adapter	✓
Viewable size, horizontal	47.7 cm	Operational conditions	
Viewable size, vertical	26.8 cm	Operating temperature (T-T)	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%
Display diagonal (metric)	54.6 cm	Operating altitude	0 - 3658 m
DDC/CI	✓	Non-operating altitude	0 - 12192 m
Surface hardness	7H	Packaging content	
Colour gamut standard	sRGB	Stand included	✓
Colour gamut	72%	Cables included	VGA, HDMI, DisplayPort, USB Type-A to USB Type-B, Audio (3.5mm), AC
Display brightness	250 cd/m ²	Manual	✓
3D	✗	Bundled software	SmartControl
Display glass type	Tempered glass	Weight & dimensions	
Display sRGB	✓	Width (with stand)	515 mm
Performance		Depth (with stand)	227 mm
NVIDIA G-SYNC *	✗	Height (with stand)	394 mm
AMD FreeSync *	✗	Weight (with stand)	7.46 kg
Component video sync	Separate sync, Sync-on-green (SOG)	Width (without stand)	515 mm
Flicker-free technology	✓	Depth (without stand)	45 mm
Low Blue Light technology	✓	Height (without stand)	317 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Weight (without stand)	4.17 kg
Other operating systems supported	Android	Packaging data	
Multimedia		Package width	575 mm
Built-in speaker(s) *	✓	Package depth	161 mm
Built-in camera *	✗	Package height	420 mm
Number of speakers	2	Package weight	9.91 kg
RMS rated power	2 W	Sustainability	
Built-in microphone	✗	Sustainability certificates	ENERGY STAR, TCO
Design		Doesn't contain	PVC/BFR, Mercury
Market positioning *	Home	European Product Registry for Energy Labelling (EPREL) code	388101
Product colour *	Black	Logistics data	
Front bezel colour	Black	Harmonized System (HS) code	85285210
Feet colour	Black	Technical details	
International Protection (IP) code	IP65	Compliance certificates	RoHS, WEEE
Heavy metals free	Hg (mercury)	Other features	
Certification	CB, CE Mark, FCC Class B, SEMKO, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, cETLus	AC adapter included	✓
Ports & interfaces		Display	TN+Film
USB Type-A downstream ports quantity	2	Dimensions (W x D x H) with stand	515 x 227 x 394 mm
USB Touch port	✓	Anti-reflective	✓
VGA (D-Sub) ports quantity	1	Recommended resolution	1920 x 1080 @ 60 Hz
DVI port	✓	Display viewable area (HxV)	476.64 x 268.11 mm
DVI-D ports quantity	1	Picture enhancement	SmartImage
HDMI *	✓	Connection to PC	✓
HDMI ports quantity	1.4	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	1.2	Mobile operating systems supported	Android 7.1, Android 7.0, Android 6.0, Android 5.0, Android 4.4
DisplayPort version	1.2	Folding angle	70°
Headphone out *	✓	SoftBlue	✓
Headphone outputs	1	Touch method	Stylus, Finger, Glove
PC Audio in	✓	EasyRead mode	✓
HDCP	✓	Energy efficiency class (old)	A

Other features

Full HD



Mean time between failures (MTBF) 70000 h



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