

## Philips LCD monitor with SmoothTouch 222B9T/00

**Brand :** Philips

**Product code:** 222B9T/00

**Product name :** LCD monitor with SmoothTouch 222B9T/00

B Line LCD monitor with SmoothTouch

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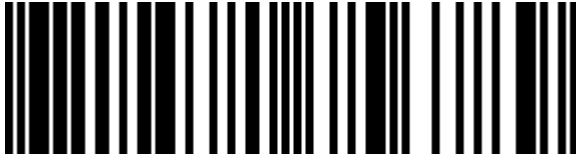
A sturdy water- and dust-resistant touch-screen monitor for flexible use anywhere, with articulating stand to fit angles you need. Offering simple and intuitive use across applications, greatly boosts productivity.

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

<b>Display</b>		<b>Power</b>	
Pixel density	102 ppi	AC input voltage	100 - 240 V
Horizontal scan range	30 - 85 kHz	AC input frequency	50 - 60 Hz
Vertical scan range	48 - 75 Hz	Power supply type	External
Viewable size, horizontal	47.7 cm	Energy efficiency scale	A to G
Viewable size, vertical	26.8 cm	External power adapter	✓
Digital horizontal frequency	30 - 85 kHz	<b>Operational conditions</b>	
Digital vertical frequency	48 - 75 Hz	Operating temperature (T-T)	0 - 40 °C
Display diagonal (metric)	54.6 cm	Storage temperature (T-T)	-20 - 60 °C
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Surface hardness	7H	Operating altitude	0 - 3658 m
RGB colour space	sRGB	Non-operating altitude	0 - 12192 m
Colour gamut	72%	<b>Packaging content</b>	
Display brightness	250 cd/m <sup>2</sup>	Stand included	✓
3D	✗	Cables included	VGA, HDMI, DisplayPort, USB Type-A to USB Type-B, Audio (3.5mm), AC
Display glass type	Tempered glass	Manual	✓
Display sRGB	✓	Bundled software	SmartControl
<b>Performance</b>		<b>Weight &amp; dimensions</b>	
NVIDIA G-SYNC *	✗	Width (with stand)	515 mm
AMD FreeSync *	✗	Depth (with stand)	227 mm
Component video sync	Separate sync, Sync-on-green (SOG)	Height (with stand)	394 mm
Flicker-free technology	✓	Weight (with stand)	7.46 kg
Low Blue Light technology	✓	Width (without stand)	515 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Depth (without stand)	45 mm
Other operating systems supported	Android	Height (without stand)	317 mm
<b>Multimedia</b>		Weight (without stand)	4.17 kg
Built-in speaker(s) *	✓	<b>Packaging data</b>	
Built-in camera *	✗	Package width	575 mm
Number of speakers	2	Package depth	161 mm
RMS rated power	2 W	Package height	420 mm
Built-in microphone	✗	Package weight	9.91 kg
<b>Design</b>		<b>Sustainability</b>	
Market positioning *	Home	Sustainability certificates	ENERGY STAR, TCO, RoHS, WEEE
Product colour *	Black	Doesn't contain	PVC/BFR, Mercury
Front bezel colour	Black	<b>Logistics data</b>	
Feet colour	Black	Harmonized System (HS) code	85285210
International Protection (IP) code	IP65	<b>Other features</b>	
Heavy metals free	Hg (mercury)	AC adapter included	✓
Certification	CB, CE Mark, FCC Class B, SEMKO, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, cETLus	Display	TN+Film
<b>Ports &amp; interfaces</b>		Dimensions (W x D x H) with stand	515 x 227 x 394 mm
USB Type-A downstream ports quantity	2	Anti-reflective	✓
USB Touch port	✓	Recommended resolution	1920 x 1080 @ 60 Hz
VGA (D-Sub) ports quantity	1	Display viewable area (HxV)	476.64 x 268.11 mm
DVI port	✓	Picture enhancement	SmartImage
DVI-D ports quantity	1	Connection to PC	✓
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	1.4	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	1.2	Folding angle	70°
DisplayPort version	1.2	SoftBlue	✓
Headphone out *	✓	Touch method	Stylus, Finger, Glove
Headphone outputs	1	EasyRead mode	✓
		Energy efficiency class (old)	A
		Full HD	✓
		Mean time between failures (MTBF)	70000 h



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