

Philips B Line 222B1TC/00 computer monitor 54.6 cm (21.5") 1920 x 1080 pixels Full HD LED Touchscreen Black

Brand : Philips

Product family: B Line

Product code: 222B1TC/00

Product name : 222B1TC/00

222B1TC LCD monitor with SmoothTouch

Philips B Line 222B1TC/00 computer monitor 54.6 cm (21.5") 1920 x 1080 pixels Full HD LED Touchscreen Black:

A durable, anti-glare touchscreen for flexible use, with articulating stand to angle as you need. Advanced In-Cell Touch (AIT) offers a slimmer look, superior touch sensitivity for quick response, outstanding and clearer visibility.

Philips B Line 222B1TC/00. Display diagonal: 54.6 cm (21.5"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	54.6 cm (21.5")	Cable lock slot type	Kensington
Display resolution *	1920 x 1080 pixels	Height adjustment *	✓
HD type *	Full HD	Adjustable height (max)	8.5 cm
Native aspect ratio *	16:9	Tilt adjustment	✓
Display technology *	LED	Tilt angle range	-5 - 90°
Panel type *	IPS	On Screen Display (OSD)	✓
Backlight type	W-LED	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
Touchscreen *	✓		
Touchscreen technology	Capacitive		
Touch technology	Multi-touch		
Number of simultaneous touchpoints	10	Number of OSD languages	21
Display brightness (typical)	250 cd/m²	Palm rejection area	30 x 30 mm
Display brightness	250 cd/m²	Plug and Play	✓
Response time *	4 ms	LED indicators	Operation, Stand-by
Screen shape *	Flat	Power	
Aspect ratio	16:9	Energy efficiency class (SDR) *	E
Contrast ratio (typical) *	1000:1	Energy consumption (SDR) per 1000 hours *	16 kWh
Contrast ratio (dynamic)	50000000:1	Power consumption (typical) *	13.1 W
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (standby) *	0.3 W
Maximum refresh rate *	75 Hz	Power consumption (off)	0 W
Viewing angle, horizontal	178°	Power consumption (PowerSave)	10.5 W
Viewing angle, vertical	178°	AC input voltage	100 - 240 V
Display number of colours *	16.7 million colours	AC input frequency	50 - 60 Hz
Pixel pitch	0.24795 x 0.24795 mm	Power supply type	Internal
Pixel density	102 ppi	Energy efficiency scale	A to G
Horizontal scan range	30 - 85 kHz		
Vertical scan range	48 - 60 Hz		
Viewable size, horizontal	47.6 cm		

Display		Operational conditions	
Viewable size, vertical	26.8 cm	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	3H	Operating altitude	0 - 3658 m
sRGB coverage (typical)	102%	Non-operating altitude	0 - 12192 m
NTSC coverage (typical)	85%	Weight & dimensions	
Adobe RGB coverage	84%	Width (with stand)	489 mm
Display sRGB	✓	Depth (with stand)	227 mm
Performance		Height (with stand)	384 mm
NVIDIA G-SYNC *	✗	Weight (with stand)	6.13 kg
AMD FreeSync *	✗	Width (without stand)	489 mm
Component video sync	Separate Sync, Sync-on-green (SOG)	Depth (without stand)	52 mm
Flicker-free technology	✓	Height (without stand)	294 mm
Low Blue Light technology	✓	Weight (without stand)	2.79 kg
Operating system installed	Windows 10	Packaging data	
Windows operating systems supported	Windows 10	Package width	585 mm
Multimedia		Package depth	138 mm
Number of speakers	2	Package height	400 mm
RMS rated power	2 W	Package weight	8.27 kg
Built-in speaker(s) *	✓	Packaging content	
Built-in camera *	✗	Stand included	✓
Design		Cables included	HDMI, DisplayPort, USB Type-A to USB Type-B, AC
Product colour *	Black	Manual	✓
Front bezel colour	Black	Bundled software	SmartControl
Feet colour	Black	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, TCO
Built-in USB hub *	✓	Doesn't contain	PVC/BFR, Mercury
Number of upstream ports	1	Other features	
USB Touch port	✓	Display viewable area (HxV)	476.06 x 267.79 mm
VGA (D-Sub) ports quantity	1	Picture enhancement	SmartImage
HDMI *	✓	Regulatory Approvals	CB; SEMKO; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; CE Mark; ICES-003; FCC Class B; TUV Eye Comfort certified
HDMI ports quantity	1		
HDMI version	1.4		
DisplayPorts quantity	1	Heavy metals free	Hg (mercury)
DisplayPort version	1.2	Folding angle	70°
Audio output	PC audio-in, HeadphoneY	Touch method	Finger
Headphone out *	✓	EasyRead mode	✓
PC Audio in	✓	Compliance certificates	RoHS
Ergonomics		Mean time between failures (MTBF)	70000 h
VESA mounting *	✓	Certification	CB, SEMKO, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, CE Mark, ICES-003, FCC Class B, TUV Eye Comfort certified
Panel mounting interface	100 x 100 mm		
Wall mountable	✓		
Cable lock slot *	✓	Recycling data	
		Recyclable packaging material	100%
		Logistics data	
		Harmonized System (HS) code	85285210



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Catalog Object Cloud



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