

Philips B Line 222B1TFL/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: 222B1TFL/00

Product name : 222B1TFL/00

222B1TFL Open frame touch screen monitor

Philips B Line 222B1TFL/00 computer monitor 54.6 cm (21.5") 1920 x 1080 pixels Full HD LED Touchscreen Black:

Philips open-frame touch monitor provides optimal flexibility for mounting. A sturdy, water and dust resistant, edge-to-edge design fit your needs. Great brightness performance and anti-glare display creates an outstanding picture clarity.

Philips B Line 222B1TFL/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 USB hub. VESA mounting. Product colour: Black



Display		Ergonomics	
Display diagonal *	54.6 cm (21.5")	VESA mounting *	✓
Display resolution *	1920 x 1080 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Wall mountable	✓
Native aspect ratio *	16:9	Cable lock slot *	✓
Display technology *	LED	Cable lock slot type	Kensington
Panel type *	IPS	Height adjustment *	✗
LED backlight	✓	On Screen Display (OSD)	✓
Backlight type	W-LED	On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Touchscreen *	✓		
Touchscreen technology	Projected capacitive system		
Touch technology	Multi-touch		
Number of simultaneous touchpoints	10	Number of OSD languages	21
Display brightness (typical)	400 cd/m²	Palm rejection area	30 x 30 mm
Display brightness	400 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	Power consumption (typical) *	20.1 W
Contrast ratio (dynamic)	50000000:1	Power consumption (standby) *	0.3 W
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (off)	0.3 W
Maximum refresh rate *	75 Hz	Power consumption (PowerSave)	11.2 W
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50/60 Hz
Display number of colours *	16.7 million colours	Power supply type	External
Pixel pitch	0.24795 x 0.24795 mm	Operational conditions	
Pixel density	102 ppi	Operating temperature (T-T)	0 - 40 °C
Horizontal scan range	30 - 85 kHz		

Display		Operational conditions	
Vertical scan range	48 - 75 Hz	Storage temperature (T-T)	-20 - 60 °C
Viewable size, horizontal	47.6 cm	Operating relative humidity (H-H)	20 - 80%
Viewable size, vertical	26.8 cm	Operating altitude	0 - 3658 m
Display diagonal (metric)	54.6 cm	Non-operating altitude	0 - 12192 m
DDC/CI	✓	Weight & dimensions	
Haze rate	5%	Width (without stand)	522 mm
Surface hardness	7H	Depth (without stand)	49 mm
Colour gamut standard	sRGB	Height (without stand)	315 mm
Colour gamut	72%	Weight (without stand)	4.91 kg
NTSC coverage (typical)	72%	Packaging data	
Display sRGB	✓	Package width	595 mm
Display panel size	21.5 inch/54.6 cm	Package depth	121 mm
Performance		Package height	390 mm
NVIDIA G-SYNC *	✗	Package weight	7.54 kg
AMD FreeSync *	✗	Packaging content	
Component video sync	Separate Sync, Sync-on-green (SOG)	Cables included	HDMI, DisplayPort, USB Type-A to USB Type-B, AC
Flicker-free technology	✓	Manual	✓
Low Blue Light technology	✓	Bundled software	SmartControl
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Sustainability	
Other operating systems supported	Android	Doesn't contain	Mercury, PVC/BFR
Palm rejection	✓	Other features	
Multimedia		International Protection (IP) code	IP65
Built-in camera *	✗	Compatible operating systems	DDC/CI; sRGB; Windows 10 / 8.1 / 8 / 7
Design		Exterior finish type	Textured
Product colour *	Black	Display viewable area (HxV)	476.064 x 267.786 mm
Front bezel colour	Black	Monitor sync input signal	Separate Sync; Sync on Green
Ports & interfaces		Picture enhancement	SmartImage
I/O ports	USB 3.2 x 1 (Upstream), USB 3.2 x 2 (Downstream with 1 fast charge B.C 1.2), mini USB x 1	Signal input	VGA (Analogue); DVI-D (digital, HDCP); DisplayPort 1.2; HDMI 1.4
Built-in USB hub *	✓	Heavy metals free	Hg (mercury)
Number of upstream ports	1	EasyRead mode	✓
USB Type-A downstream ports quantity	2	Energy efficiency class (old)	E
USB Touch port	✓	Compliance certificates	RoHS
VGA (D-Sub) ports quantity	1	User controls	SmartImage; Input; Brightness; Menu; Power On/Off
DVI port	✓	Regulatory Approvals	CB; CE Mark; FCC Class B; SEMKO; UKRAINIAN; ICES-003; CU-EAC; EAEU RoHS; TUV Ergo; TUV/GS; TUV Eye Comfort certified
DVI-D ports quantity	1	Touch method	Stylus, Finger, Glove*
HDMI *	✓	LowBlue mode	✓
HDMI ports quantity	1	Mean time between failures (MTBF)	70000 h
HDMI version	1.4	Certification	CB, CE Mark, FCC Class B, SEMKO, UKRAINIAN, ICES-003, CU-EAC, EAEU RoHS, TUV Ergo, TUV/GS, TUV Eye Comfort certified
DisplayPorts quantity	1	Recycling data	
DisplayPort version	1.2	Recyclable packaging material	100%
Audio output	✓	Logistics data	
		Harmonized System (HS) code	85285210



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