PHILIPS

Philips LCD monitor with SmoothTouch 222B9T/00

Brand : Philips

Product name : LCD monitor with SmoothTouch 222B9T/00

Product code: 222B9T/00

B Line LCD monitor with SmoothTouch

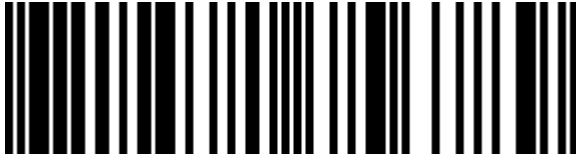**Philips LCD monitor with SmoothTouch 222B9T/00:**

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

Display diagonal *	54.6 cm (21.5")
Display resolution *	1920 x 1080 pixels
HD type *	Full HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	TFT
LED backlight	✓
Backlight type	W-LED
Touchscreen *	✓
Touchscreen type	Table
Touchscreen technology	Projected capacitive system
Touch technology	Multi-touch
Number of simultaneous touchpoints	10
Display brightness (typical)	250 cd/m²
Response time	1 ms
Display surface	Gloss
Screen shape *	Flat
Supported graphics resolutions	1920 x 1080 (HD 1080)
Supported video modes	1080p
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	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

Ports & interfaces

PC Audio in	✓
HDCP	✓
HDCP version	1.4

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Wall mountable	✓
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	7.6 cm
Tilt angle range	-5 - 90°
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
Palm rejection area	30 x 30 mm
Plug and Play	✓
LED indicators	Operation, Stand-by
Tilt adjustment	✓

Power

Energy efficiency class (SDR) *	D
Energy consumption (SDR) per 1000 hours *	13 kWh
Power consumption (typical) *	11.92 W
Power consumption (standby) *	0.5 W
Power consumption (off)	0.3 W
Power consumption (PowerSave)	10.3 W

Display

Pixel density	102 ppi
Horizontal scan range	30 - 85 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	47.7 cm
Viewable size, vertical	26.8 cm
Digital horizontal frequency	30 - 85 kHz
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	54.6 cm
DDC/CI	✓
Surface hardness	7H
RGB colour space	sRGB
Colour gamut	72%
Display brightness	250 cd/m²
3D	✗
Display glass type	Tempered glass
Display sRGB	✓

Performance

NVIDIA G-SYNC *	✗
AMD FreeSync *	✗
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	✓
Low Blue Light technology	✓
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1
Other operating systems supported	Android

Multimedia

Built-in speaker(s) *	✓
Built-in camera *	✗
Number of speakers	2
RMS rated power	2 W
Built-in microphone	✗

Design

Market positioning *	Home
Product colour *	Black
Front bezel colour	Black
Feet colour	Black
International Protection (IP) code	IP65
Heavy metals free	Hg (mercury)
Certification	CB, CE Mark, FCC Class B, SEMKO, UKRAINIAN, ICES-003, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, cETLus

Ports & interfaces

USB Type-A downstream ports quantity	2
USB Touch port	✓
VGA (D-Sub) ports quantity	1
DVI port	✓
DVI-D ports quantity	1
HDMI *	✓
HDMI ports quantity	1.4
HDMI version	1.4
DisplayPorts quantity	1.2
DisplayPort version	1.2
Headphone out *	✓
Headphone outputs	1

Power

AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	External
Energy efficiency scale	A to G
External power adapter	✓

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Packaging content

Stand included	✓
Cables included	VGA, HDMI, DisplayPort, USB Type-A to USB Type-B, Audio (3.5mm), AC
Manual	✓
Bundled software	SmartControl

Weight & dimensions

Width (with stand)	515 mm
Depth (with stand)	227 mm
Height (with stand)	394 mm
Weight (with stand)	7.46 kg
Width (without stand)	515 mm
Depth (without stand)	45 mm
Height (without stand)	317 mm
Weight (without stand)	4.17 kg

Packaging data

Package width	575 mm
Package depth	161 mm
Package height	420 mm
Package weight	9.91 kg

Sustainability

Sustainability certificates	ENERGY STAR, TCO, RoHS, WEEE
Doesn't contain	PVC/BFR, Mercury

Logistics data

Harmonized System (HS) code	85285210

Other features

AC adapter included	✓
Display	TN+Film
Dimensions (W x D x H) with stand	515 x 227 x 394 mm
Anti-reflective	✓
Recommended resolution	1920 x 1080 @ 60 Hz
Display viewable area (HxV)	476.64 x 268.11 mm
Picture enhancement	SmartImage
Connection to PC	✓
Recyclable packaging material	100%
Regulatory Approvals	CB; CE Mark; FCC Class B; SEMKO; UKRAINIAN; ICES-003; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; cETLus
Mobile operating systems supported	Android 7.1, Android 7.0, Android 6.0, Android 5.0, Android 4.4
Folding angle	70°
SoftBlue	✓
Touch method	Stylus, Finger, Glove
EasyRead mode	✓
Energy efficiency class (old)	A
Full HD	✓
Mean time between failures (MTBF)	70000 h

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