## **PHILIPS**

## Philips B Line LCD monitor 221B8LHEB/00

Brand : Philips Product family: B Line Product code: 221B8LHEB/00

**Product name:** LCD monitor

221B8LHEB/00

B Line 22 (21.5"/54.6 cm diag.) LCD monitor

## Philips B Line LCD monitor 221B8LHEB/00:

Get your best work done with the Philips 22" Full HD monitor. Crisp and vivid Full HD gives you the space and clarity to see your work. Features like height adjustment, Flicker-free and LowBlue mode make work easy on the eyes.

Philips B Line LCD monitor 221B8LHEB/00. Display diagonal: 54.6 cm (21.5"), Display resolution: 1920 x 1080 pixels, HD type: Full HD, Display technology: LED, Display surface: Matt, 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







Internal





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	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LED	Height adjustment *	✓
Panel type *	TN	Height adjustment	13 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	×	Pivot angle	-90 - 90°
Display brightness (typical)	250 cd/m <sup>2</sup>	Swivelling	✓
Response time	1 ms	Swivel angle range	-175 - 175°
Display surface	Matt	Tilt adjustment	✓
Anti-glare screen	✓	Tilt angle range	-5 - 30°
Screen shape *	Flat	On Screen Display (OSD)	✓
Supported graphics resolutions Supported video modes Aspect ratio Contrast ratio (typical) * Contrast ratio (dynamic)	1920 x 1080 (HD 1080) 1080p 16:9 1000:1 50000000:1	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese Korean, Polish, Portuguese, Russiar Swedish, Turkish, Ukrainian
Dynamic contrast ratio marketing name	SmartContrast	Number of OSD languages Plug and Play	21 ✓
Maximum refresh rate *	60 Hz	LED indicators	Operation, Stand-by
Viewing angle, horizontal	170°	Power	
Viewing angle, vertical Display number of colours *	160° 16.7 million colours 0.248 x 0.248 mm 102 ppi 30 - 83 kHz	Energy efficiency class (SDR) *	E
Pixel pitch Pixel density Horizontal scan range		Power consumption (typical) * Power consumption (standby) * Power consumption (PowerSave)	13.27 W 0.3 W 8.5 W
Vertical scan range Viewable size, horizontal	50 - 65 KHZ 50 - 76 Hz 47.7 cm	AC input voltage AC input frequency Power supply type	100 - 240 V 50 - 60 Hz Internal

Power supply type

Dianlay		Operational conditions	
Display		Operational conditions	
Viewable size, vertical Digital horizontal frequency Digital vertical frequency Display diagonal (metric) DDC/CI	26.8 cm 30 - 83 kHz 50 - 76 Hz 54.6 cm ✓	Operating temperature (T-T) Storage temperature (T-T) Operating relative humidity (H-H) Operating altitude Non-operating altitude	0 - 40 °C -20 - 60 °C 20 - 80% 0 - 3658 m 0 - 12192 m
Haze rate	25%	Packaging content	
Surface hardness RGB colour space Colour gamut NTSC coverage (typical) 3D	3H sRGB 72% 72%	Stand included Cables included Manual Bundled software Weight & dimensions	VGA, HDMI, Audio (3.5mm), AC √ SmartControl
Display sRGB	✓	Width (with stand)	504 mm
Performance  NVIDIA G-SYNC *  AMD FreeSync *  VESA Adaptive Sync support  Component video sync  Flicker-free technology  Low Blue Light technology	X X Separate sync, Sync-on-green (SOG)	Depth (with stand) Height (with stand) Weight (with stand) Width (without stand) Depth (without stand) Height (without stand) Weight (without stand)	206 mm 477 mm 4.45 kg 504 mm 47 mm 304 mm 2.55 kg
Multimedia	•	Packaging data	
Built-in speaker(s) * Built-in camera * Number of speakers RMS rated power	✓ <b>X</b> 2 2 W	Package width Package depth Package height Package weight	565 mm 184 mm 490 mm 6.34 kg
Design		Package type	Вох
Market positioning *	Home	Sustainability	
Product colour * Front bezel colour Detachable stand Feet colour	Black Black	Sustainability certificates Doesn't contain European Product Registry for Energy Labelling (EPREL) code	ENERGY STAR, TCO, RoHS, WEEE PVC/BFR, Mercury 413329
Heavy metals free	Hg (mercury)	Recycling data	
	CE Mark, FCC Class B, SEMKO,	Post-consumer recycled plastic	85%
Certification	cETLus, CU-EAC, PSB, EPA, UKRAINIAN, TUV Ergo, TUV/GS,	Other features	
	RCM, TUV/ISO9241-307, CB	On/off switch	✓
Ports & interfaces		TV tuner integrated	×
Built-in USB hub *	×	Exterior finish type	Textured
VGA (D-Sub) ports quantity	1	Recommended resolution	1920 x 1080 @ 60 Hz
DVI port	×	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity HDMI version Audio input	1.4 1.4	Regulatory Approvals	CE Mark; FCC Class B; SEMKO; CETLus; CU-EAC; PSB; EPA; UKRAINIAN; TUV Ergo; TUV/GS; RCM; TUV/ISO9241-307; CB
Headphone out *	<b>√</b>	EasyRead mode	<b>√</b>
Headphone outputs	1	LowBlue mode	_
Headphone connectivity	3.5 mm	Energy efficiency class (old)	E 70000 h
PC Audio in	✓	Mean time between failures (MTBF)	/0000 n



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