## **PHILIPS**

## Philips 230B8QJEB/00 computer monitor 57.1 cm (22.5") 1920 x 1200 pixels WUXGA LED Black

Brand : Philips Product code: 230B8QJEB/00

Product name: 230B8QJEB/00

230B8QJEB LCD monitor

Philips 230B8QJEB/00 computer monitor 57.1 cm (22.5") 1920 x 1200 pixels WUXGA LED Black:

Get your best work done with the Philips 23" monitor. The 16:10 ratio display gives you extra vertical height for increased productivity. Features like height adjustment, Flicker-free and LowBlue mode make work easy on the eyes.

Philips 230B8QJEB/00. Display diagonal: 57.1 cm (22.5"), Display resolution: 1920 x 1200 pixels, HD type: WUXGA, Display technology: LED, Display surface: Matt, Response time: 5 ms, Native aspect ratio: 16:10, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting, Height adjustment. Product colour: Black











Display		Ergonomics	
Display diagonal *	57.1 cm (22.5")	Pivot angle	-90 - 90°
Display resolution *	1920 x 1200 pixels	Swivelling	✓
HD type *	WUXGA	Swivel angle range	-175 - 175°
Native aspect ratio *	16:10	Tilt adjustment	✓
Display technology *	LED	Tilt angle range	-5 - 30°
Panel type *	IPS	On Screen Display (OSD)	✓
Backlight type	W-LED		Simplified Chinese, Traditional
Touchscreen *	×		Chinese, Czech, German, Dutch, English, Spanish, Finnish, French,
Display brightness (typical)	250 cd/m <sup>2</sup>	On Screen Display (OSD) languages	Greek, Hungarian, Italian, Japanese,
Response time *	5 ms		Korean, Polish, Portuguese, Russian
Display surface	Matt		Swedish, Turkish, Ukrainian
Anti-glare screen	✓	Number of OSD languages	31
Screen shape *	Flat	Plug and Play	<b>Y</b>
Supported graphics resolutions	1920 x 1200 (WUXGA)	LED indicators	Operation, Stand-by
Aspect ratio	16:10	Power	
Contrast ratio (typical) *	1000:1	Energy efficiency class (SDR) *	E
Contrast ratio (dynamic)	50000000:1	Energy consumption (SDR) per 1000	17 kWh
Dynamic contrast ratio marketing	SmartContrast	hours *	
name Maximum refresh rate *	60 Hz	Power consumption (typical) *	13.6 W
	178°	Power consumption (standby) *	0.3 W
Viewing angle, horizontal Viewing angle, vertical	178°	Power consumption (PowerSave)	8.5 W
Display number of colours *	16.7 million colours	AC input voltage	100 - 240 V
Pixel pitch	0.25425 x 0.24765 mm	AC input frequency	50 - 60 Hz
Pixel density	101 ppi	Power supply type	Internal
•	30 - 96 kHz	Energy efficiency scale	A to G
Horizontal scan range Vertical scan range	48 - 76 Hz	European Product Registry for Energy Labelling (EPREL) code	413544
Viewable size, horizontal	48.8 cm		
Viewable size, nonzontal	48.8 cm 29.7 cm	Operational conditions	
Digital horizontal frequency	30 - 96 kHz	Operating temperature (T-T)	0 - 40 °C
Digital vertical frequency	48 - 76 Hz	Storage temperature (T-T)	-20 - 60 °C
Digital vertical frequency	40 - 70 112		

Display		Operational conditions	
	,	•	20 000/
Sync-on-green (SOG) Display diagonal (metric)	<b>√</b> 57.2 cm	Operating relative humidity (H-H) Operating altitude	20 - 80% 0 - 3658 m
DDC/CI	J7.2 CIII ✓	Non-operating altitude	0 - 12192 m
Haze rate	25%		0 - 12132 111
Surface hardness	3H	Weight & dimensions	
Colour gamut standard	sRGB	Width (with stand)	499 mm
Colour gamut	85%	Depth (with stand)	216 mm
sRGB coverage (typical)	101.8%	Height (with stand)	512 mm
NTSC coverage (typical)	85%	Weight (with stand)	4.3 kg
Display sRGB	✓	Width (without stand)	499 mm
Performance		Depth (without stand) Height (without stand)	56 mm 323 mm
VESA Adaptive Sync support	<b>√</b>	Weight (without stand)	2.7 kg
Component video sync	Separate sync, Sync-on-green	Packaging data	<b>y</b>
,	(SOG)	Package width	565 mm
Flicker-free technology	<b>√</b>	Package depth	161 mm
Low Blue Light technology	<b>√</b>	Package height	519 mm
Multimedia		Package weight	6.25 kg
Number of speakers	2	Packaging content	
RMS rated power	2 W	Stand included	1
Built-in speaker(s) * Built-in camera *	×	Cables included	VGA, DVI, HDMI, DisplayPort, AC
	^	Manual	<b>V</b>
Design		Bundled software	SmartControl
Market positioning *	Home	Sustainability	
Product colour *	Black	Sustainability certificates	ENERGY STAR, TCO
Front bezel colour Feet colour	Black Black	Doesn't contain	PVC/BFR, Mercury
Ports & interfaces		Other features	
VGA (D-Sub) ports quantity	1	Exterior finish type	Textured
DVI port	<u></u>	Recommended resolution	1920 x 1200 @ 60 Hz
DVI-D ports quantity	1	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity HDMI version	1.4 1.4	Regulatory Approvals	CE Mark; FCC Class B; EPA; UKRAINIAN; ICES-003; TUV Ergo; TUV/GS; CU-EAC
DisplayPorts quantity	1.2	Heavy metals free	Hg (mercury)
DisplayPort version	1.2	EasyRead mode	✓
Headphone out *	<b>√</b>	LowBlue mode	1
PC Audio in	<b>√</b>	Compliance certificates	WEEE, RoHS
Ergonomics		Mean time between failures (MTBF)	70000 h
VESA mounting * Panel mounting interface	100 x 100 mm	Certification	CE Mark, FCC Class B, EPA, UKRAINIAN, ICES-003, TUV Ergo, TUV/GS, CU-EAC
Cable lock slot *	<b>✓</b>	Recycling data	
Cable lock slot type	Kensington	Total amount of recyclable	0.507
Height adjustment *	√ 12 cm	materials	85%
Height adjustment Pivot	13 cm ✓	Total amount of recycled materials used for making	85%
		Logistics data	
		Harmonized System (HS) code	85285210



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