

Philips 3000 series 27B1N3800/00 LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Philips Product family: 3000 series Product code: 27B1N3800/00
Product name : 27B1N3800/00

Business monitor 27B1N3800 4K UHD monitor

Philips 3000 series 27B1N3800/00 LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black:

This 27-inch monitor showcases beautiful imagery in 4K resolution and a 1.074 billion color gamut. In addition, its DisplayPort connectivity and IPS panel make for a great all-around option for your workspace.

Philips 3000 series 27B1N3800/00. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LCD, 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, USB hub version: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Panel mounting interface	100 x 100 mm
Display resolution *	3840 x 2160 pixels	Cable lock slot *	✓
HD type *	4K Ultra HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LCD	Adjustable height (max)	13 cm
Panel type *	IPS	Pivot	✓
LED backlight	✓	Pivot angle	-90 - 90°
Backlight type	W-LED	Swivelling	✓
Touchscreen *	✗	Swivel angle range	-180 - 180°
Display brightness (typical)	350 cd/m²	Tilt adjustment	✓
Response time *	4 ms	Tilt angle range	-5 - 25°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	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
Contrast ratio (typical) *	1000:1		
Contrast ratio (dynamic)	50000000:1		
Dynamic contrast ratio marketing name	SmartContrast	Number of OSD languages	21
Maximum refresh rate *	60 Hz	Plug and Play	✓
Viewing angle, horizontal	178°	LED indicators	Operation, Stand-by
Viewing angle, vertical	178°	Power	
Display number of colours *	1.07 billion colours	Energy efficiency class (SDR) *	E
SmartResponse	4 ms	Power consumption (typical) *	32.2 W
Pixel pitch	0.1554 x 0.1554 mm	Power consumption (standby) *	0.3 W
Pixel density	163 ppi	Power consumption (off)	0.3 W
Horizontal scan range	30 - 140 kHz	Power consumption (PowerSave)	20.6 W
Vertical scan range	23 - 75 Hz	AC input voltage	100 - 240 V
Viewable size, horizontal	59.7 cm	AC input frequency	50/60 Hz
Viewable size, vertical	33.6 cm	Power supply type	Internal
Display diagonal (metric)	68.6 cm		
DDC/CI	✓		
Haze rate	25%		

Display		Operational conditions	
Surface hardness	3H	Operating temperature (T-T)	0 - 40 °C
Colour gamut standard	sRGB	Storage temperature (T-T)	-20 - 60 °C
sRGB coverage (typical)	99.9%	Operating relative humidity (H-H)	20 - 80%
NTSC coverage (typical)	116%	Operating altitude	0 - 3658 m
Display sRGB	✓	Non-operating altitude	3658 - 12192 m
Performance		Weight & dimensions	
Fast charging	✓	Width (with stand)	613 mm
Component video sync	Separate sync, Sync-on-green (SOG)	Depth (with stand)	205 mm
Flicker-free technology	✓	Height (with stand)	524 mm
Low Blue Light technology	✓	Weight (with stand)	6.05 kg
Multimedia		Width (without stand)	613 mm
Number of speakers	2	Depth (without stand)	51 mm
RMS rated power	4 W	Height (without stand)	366 mm
Built-in speaker(s) *	✓	Weight (without stand)	4.15 kg
Built-in camera *	✗	Packaging data	
Design		Package width	700 mm
Market positioning *	Business	Package depth	215 mm
Product colour *	Black	Package height	456 mm
Front bezel colour	Black	Package weight	9.28 kg
Feet colour	Black	Packaging content	
Ports & interfaces		Stand included	✓
Built-in USB hub *	✓	Cables included	AC, DisplayPort, HDMI
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Manual	✓
USB upstream port type	USB Type-B	Bundled software	SmartControl
Number of USB Type-B upstream ports quantity	1	Sustainability	
USB Type-A downstream ports quantity	4	Sustainability certificates	ENERGY STAR, EPEAT
HDMI *	✓	Doesn't contain	Mercury, PVC/BFR
HDMI ports quantity	2	Other features	
HDMI version	2.0	Compatible operating systems	Mac OS Windows 11/10
DisplayPorts quantity	1	Exterior finish type	Textured
DisplayPort version	1.4	Picture enhancement	SmartImage
Audio output	✓	Recyclable packaging material	100%
HDCP	✓	Regulatory Approvals	CB, CE Mark, TUV/GS, TUV Ergo, TCO 10.0, TCO Certified Edge, EAC, EAEU RoHS, MEPS, PSB, UKCA, EMF, FCC, ICES-003, TUV Eye Comfort certified
HDCP version	1.4/2.2		
Ergonomics		Heavy metals free	Hg (mercury)
VESA mounting *	✓	EasyRead mode	✓
		LowBlue mode	✓
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	70000 h



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