

Philips 3000 series 27B1U3900/75 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Philips

Product family: 3000 series

Product code: 27B1U3900/75

Product name : 27B1U3900/75

Business Monitor 27B1U3900 4K UHD monitor with USB-C docking

Philips 3000 series 27B1U3900/75 computer monitor 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 USB-C connection allows you to easily connect peripherals during a busy workday. Philips 3000 series 27B1U3900/75. 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")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LCD	Height adjustment *	✓
Panel type *	IPS	Adjustable height (max)	13 cm
LED backlight	✓	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	350 cd/m ²	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Response time measurement type	GTG (Gray to Gray)	Tilt angle range	-5 - 20°
Screen shape *	Flat	Picture-in-Picture	✓
Contrast ratio (typical) *	1000:1	On Screen Display (OSD)	✓
Contrast ratio (dynamic)	50000000:1	On Screen Display (OSD) languages	
Maximum refresh rate *	60 Hz	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian	
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	1.07 billion colours	Power	
Pixel pitch	0.1554 x 0.1554 mm	Energy efficiency class (SDR) *	F
Pixel density	163 ppi	Energy efficiency class (HDR) *	Not available
Horizontal scan range	30 - 140 kHz	Energy consumption (SDR) per 1000 hours *	25 kWh
Vertical scan range	23 - 75 Hz	Power consumption (typical) *	25.3 W
Viewable size, horizontal	59.7 cm	Power consumption (standby) *	0.3 W
Viewable size, vertical	33.6 cm		
Sync-on-green (SOG)	✓		
DDC/CI	✓		
Haze rate	25%		

Display		Power	
Surface hardness	3H	Power consumption (off)	0.3 W
Colour gamut standard	NTSC, sRGB	Power consumption (PowerSave)	20.2 W
sRGB coverage (typical)	99.9%	AC input voltage	100 - 240 V
NTSC coverage (typical)	116%	AC input frequency	50/60 Hz
Display sRGB	✓	Power supply type	Internal
Performance		Energy efficiency scale	
NVIDIA G-SYNC *	✗	A to G	
AMD FreeSync *	✗	Operational conditions	
Fast charging	✓	Operating temperature (T-T)	0 - 40 °C
Component video sync	Separate sync, Sync-on-green (SOG)	Storage temperature (T-T)	-20 - 60 °C
Flicker-free technology	✓	Operating relative humidity (H-H)	20 - 80%
Low Blue Light technology	✓	Operating altitude	0 - 3658 m
		Non-operating altitude	3658 - 12192 m
Multimedia		Weight & dimensions	
Number of speakers	2	Width (with stand)	613 mm
RMS rated power	4 W	Depth (with stand)	205 mm
Built-in speaker(s) *	✓	Height (with stand)	524 mm
Built-in camera *	✗	Weight (with stand)	6.65 kg
Design		Width (without stand)	613 mm
Market positioning *	Business	Depth (without stand)	54 mm
Product colour *	Black	Height (without stand)	366 mm
		Weight (without stand)	4.75 kg
Ports & interfaces		Packaging data	
Built-in USB hub *	✓	Package width	730 mm
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Package depth	193 mm
USB upstream port type	USB Type-C	Package height	471 mm
Number of USB Type-C upstream ports quantity	1	Package weight	10.1 kg
USB Type-A downstream ports quantity	3	Package type	Box
USB Type-C DisplayPort Alternate Mode	✓	Packaging content	
USB Power Delivery (USB PD)	✓	Stand included	✓
USB Power Delivery up to	90 W	Sustainability	
HDMI *	✓	Sustainability certificates	ENERGY STAR, EPEAT
HDMI ports quantity	2	Doesn't contain	BFR, PVC
HDMI version	2.0	Other features	
DisplayPorts quantity	1	USB Power Delivery revision	3.0
DisplayPort version	1.4	Picture-by-Picture (PbP)	✓
Audio output	✓	Recyclable packaging material	100%
HDCP	✓	EasyRead mode	✓
HDCP version	1.4/2.2	LowBlue mode	✓
Network		Compliance certificates	CB, CE, EAC, EMF, ETL, Federal Communications Commission (FCC), ICES, RoHS, TÜV mark, UKCA
Ethernet LAN	✓	Recycling data	
		Post-consumer recycled plastic	85%



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