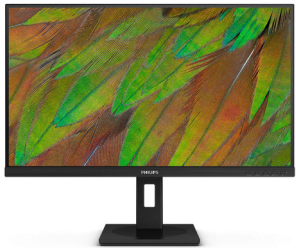**PHILIPS**

Philips 3000 series 27B1U3900/00 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black

Brand : Philips   **Product family:** 3000 series   **Product code:** 27B1U3900/00

Product name : 27B1U3900/00

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

Philips 3000 series 27B1U3900/00 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 colour gamut. In addition, its USB-C connection allows you to easily connect peripherals during a busy workday. Philips 3000 series 27B1U3900/00. 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

Display diagonal *	68.6 cm (27")
Display resolution *	3840 x 2160 pixels
HD type *	4K Ultra HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
LED backlight	✔
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape *	Flat
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Maximum refresh rate *	60 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	1.07 billion colours
Pixel pitch	0.1554 x 0.1554 mm
Pixel density	163 ppi
Horizontal scan range	30 - 140 kHz
Vertical scan range	23 - 75 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Sync-on-green (SOG)	✔
DDC/CI	✔
Haze rate	25%

Network

Ethernet LAN	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Adjustable height (max)	13 cm
Pivot	✔
Pivot angle	-90 - 90°
Swivelling	✔
Swivel angle range	-180 - 180°
Tilt adjustment	✔
Tilt angle range	-5 - 20°
Picture-in-Picture	✔
On Screen Display (OSD)	✔
On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Plug and Play	✔
LED indicators	Operation, Stand-by

Power

Power consumption (typical) *	25.3 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0.3 W

Display

Surface hardness	3H
Colour gamut standard	NTSC, sRGB
sRGB coverage (typical)	99.9%
NTSC coverage (typical)	116%
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Fast charging	✔
Component video sync	Separate sync, Sync-on-green (SOG)
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	4 W
Built-in speaker(s) *	✔
Built-in camera *	✘

Design

Market positioning *	Business
Product colour *	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	3
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	✔
HDCP	✔
HDCP version	1.4/2.2

Power

Power consumption (PowerSave)	20.2 W
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Power supply type	Internal

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	3658 - 12192 m

Weight & dimensions

Width (with stand)	613 mm
Depth (with stand)	205 mm
Height (with stand)	524 mm
Weight (with stand)	6.65 kg
Width (without stand)	613 mm
Depth (without stand)	54 mm
Height (without stand)	366 mm
Weight (without stand)	4.75 kg

Packaging data

Package width	730 mm
Package depth	193 mm
Package height	471 mm
Package weight	10.1 kg
Package type	Box

Packaging content

Stand included	✔

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT
Doesn't contain	BFR, PVC

Other features

USB Power Delivery revision	3.0
Picture-by-Picture (PbP)	✔
Recyclable packaging material	100%
EasyRead mode	✔
LowBlue mode	✔
Compliance certificates	CB, CE, EAC, EMF, ETL, Federal Communications Commission (FCC), ICES, RoHS, TÜV mark, UKCA

Recycling data

Post-consumer recycled plastic	85%

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