## **PHILIPS**

## Philips 276B1/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Full HD LED Black

**Brand : Philips Product code:** 276B1/00

Product name: 276B1/00

Monitor 276B1 LCD monitor with USB-C docking

Philips 276B1/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Full HD LED Black:

This Philips monitor offers 90W power delivery and a simple laptop docking solution. View QHD images, recharge a laptop and stay connected to Ethernet, all at the same time with a single USB-C cable. Eye comfort with TUV certification to reduce eye fatigue.

Philips 276B1/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Full HD, Display technology: LED, Display surface: Matt, 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")	Cable lock slot type	Kensington
Display resolution *	2560 x 1440 pixels	Height adjustment *	✓
HD type *	Full HD	Height adjustment	15 cm
Native aspect ratio *	16:9	Pivot	/
Display technology *	LED	Pivot angle	-90 - 90°
Panel type *	IPS	Swivel angle range	-180 - 180°
Backlight type	W-LED	Tilt adjustment	1
Touchscreen *	×	Tilt angle range	-5 - 35°
Display brightness (typical)	350 cd/m <sup>2</sup>	On Screen Display (OSD)	✓ ·
Response time *	4 ms	on screen display (OSD)	Simplified Chinese, Traditional
Display surface	Matt		Chinese, Czech, German, Dutch,
Anti-glare screen	✓	On Screen Display (OSD) languages	English, Spanish, Finnish, French,
Screen shape *	Flat		Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian
Aspect ratio	16:9		Swedish, Turkish, Ukrainian
Contrast ratio (typical) *	1000:1	Number of OSD languages	21
Contrast ratio (dynamic)	50000000:1	Plug and Play	<b>✓</b>
Dynamic contrast ratio marketing name	SmartContrast	LED indicators	Operation, Stand-by
Maximum refresh rate *	75 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	E
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000	22 kWh
Display number of colours *	16.7 million colours	hours *	
Pixel pitch	0.2331 x 0.2331 mm	Power consumption (typical) *	20.2 W
Pixel density	109 ppi	Power consumption (standby) *	0.3 W
Horizontal scan range	30 - 114 kHz	Power consumption (PowerSave)	16.4 W
Vertical scan range	48 - 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	AC adapter output voltage	19 V
Digital horizontal frequency	30 - 114 kHz	Power supply type	Internal
Digital vertical frequency	48 - 75 Hz	Energy efficiency scale	A to G
Display diagonal (metric)	68.6 cm	European Product Registry for Energy Labelling (EPREL) code	349924

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Display		Operational conditions	
DDC/CI	✓	Operating temperature (T-T)	0 - 40 °C
Haze rate	25%	Storage temperature (T-T)	-20 - 60 °C
Surface hardness	3H	Operating relative humidity (H-H)	20 - 80%
Colour gamut standard	sRGB	Operating altitude	0 - 3658 m
Colour gamut	110%	Non-operating altitude	0 - 12192 m
sRGB coverage (typical)	107%	Weight & dimensions	
NTSC coverage (typical)	104%	Width (with stand)	613 mm
Display sRGB	✓	Depth (with stand)	225 mm
Performance		Height (with stand)	537 mm
Component video sync	Separate sync	Weight (with stand)	7.26 kg
Flicker-free technology	<b>√</b>	Width (without stand)	613 mm
Low Blue Light technology	<b>√</b>	Depth (without stand)	54 mm
5 5.	•	Height (without stand)	366 mm
Multimedia		Weight (without stand)	5.47 kg
Number of speakers	2	Packaging data	
RMS rated power	2 W	Package width	730 mm
Built-in speaker(s) *	✓	Package depth	193 mm
Megapixel (approx.)	2 MP	Package height	471 mm
Built-in microphone	✓	Package weight	10.9 kg
Built-in camera *	✓	Packaging content	
Design		Stand included	1
Product colour *	Black	Cables included	HDMI, DisplayPort, USB Type-C, AC
Front bezel colour	Black	Manual	✓
Feet colour	Black	Bundled software	SmartControl
Ports & interfaces		Sustainability	
Built-in USB hub *	<b>✓</b>	Sustainability certificates	ENERGY STAR, TCO
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Doesn't contain	Mercury, PVC/BFR
USB upstream port type	USB Type-C		Heredry, I Ve/BITC
Number of upstream ports	1	Other features	
Number of USB Type-C upstream	1	HBR3 support	<b>✓</b>
ports quantity	1	USB Power Delivery revision	3.0
USB Type-A downstream ports quantity	4	Exterior finish type	Textured
USB Type-C downstream ports		Picture enhancement	SmartImage
quantity	1	Recyclable packaging material	100%
USB Type-C DisplayPort Alternate	<b>✓</b>		cETLus; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE
Mode	•	Regulatory Approvals	Mark; FCC Class B; ICES-003;
USB Power Delivery (USB PD)	✓		UKRAINIAN; TUV Eye Comfort certified; CCC; CECP; CEL
USB Power Delivery up to	90 W	Heavy metals free	Hg (mercury), Pb (lead)
HDMI *	✓	Light sensor	/ (mercury), rb (lead)
HDMI ports quantity	2	_	
HDMI version	1.4	EasyRead mode	•
DisplayPorts quantity	1	LowBlue mode	2 116
DisplayPort version	1.4	Compliance certificates	RoHS
Audio output	✓	Mean time between failures (MTBF)	70000 h
HDCP	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
HDCP version	1.4	Wake-on-LAN	✓
DC-in jack	✓		cETLus, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE
DisplayPort output	✓	Certification	Mark, FCC Class B, ICES-003,
Network			UKRAINIAN, TUV Eye Comfort certified, CCC, CECP, CEL
Ethernet LAN	<b>✓</b>	Recycling data	,,,
Ergonomics		Post-consumer recycled plastic	85%
	<b>✓</b>	, ,	
VESA mounting *		Logistics data	05205210
Panel mounting interface	100 x 100 mm	Harmonized System (HS) code	85285210



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