

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 image, re-charge a laptop and 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	Adjustable height (max)	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	✓
Touchscreen *	✗	Tilt angle range	-5 - 35°
Display brightness (typical)	350 cd/m²	On Screen Display (OSD)	✓
Response time *	4 ms	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
Display surface	Matt		
Anti-glare screen	✓		
Screen shape *	Flat		
Aspect ratio	16:9	Number of OSD languages	21
Contrast ratio (typical) *	1000:1	Plug and Play	✓
Contrast ratio (dynamic)	5000000:1	LED indicators	Operation, Stand-by
Dynamic contrast ratio marketing name	SmartContrast	Power	
Maximum refresh rate *	75 Hz	Energy efficiency class (SDR) *	E
Viewing angle, horizontal	178°	Energy consumption (SDR) per 1000 hours *	22 kWh
Viewing angle, vertical	178°	Power consumption (typical) *	20.2 W
Display number of colours *	16.7 million colours	Power consumption (standby) *	0.3 W
Pixel pitch	0.2331 x 0.2331 mm	Power consumption (PowerSave)	16.4 W
Pixel density	109 ppi	AC input voltage	100 - 240 V
Horizontal scan range	30 - 114 kHz	AC input frequency	50 - 60 Hz
Vertical scan range	48 - 75 Hz	AC adapter output voltage	19 V
Viewable size, horizontal	59.7 cm	Power supply type	Internal
Viewable size, vertical	33.6 cm	Energy efficiency scale	A to G
Digital horizontal frequency	30 - 114 kHz		
Digital vertical frequency	48 - 75 Hz		
Display diagonal (metric)	68.6 cm		

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	✓	Width (without stand)	613 mm
Low Blue Light technology	✓	Depth (without stand)	54 mm
Multimedia		Height (without stand)	366 mm
Number of speakers	2	Weight (without stand)	5.47 kg
RMS rated power	2 W	Packaging data	
Built-in speaker(s) *	✓	Package width	730 mm
Built-in camera *	✗	Package depth	193 mm
Design		Package height	471 mm
Product colour *	Black	Package weight	10.9 kg
Front bezel colour	Black	Packaging content	
Feet colour	Black	Stand included	✓
Ports & interfaces		Cables included	HDMI, DisplayPort, USB Type-C, AC
Built-in USB hub *	✓	Manual	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Bundled software	SmartControl
USB upstream port type	USB Type-C	Sustainability	
Number of upstream ports	1	Sustainability certificates	ENERGY STAR, TCO
Number of USB Type-C upstream ports quantity	1	Doesn't contain	Mercury, PVC/BFR
USB Type-A downstream ports quantity	4	Other features	
USB Type-C downstream ports quantity	1	HBR3 support	✓
USB Type-C DisplayPort Alternate Mode	✓	USB Power Delivery revision	3.0
USB Power Delivery (USB PD)	✓	Exterior finish type	Textured
USB Power Delivery up to	90 W	Picture enhancement	SmartImage
HDMI *	✓	Regulatory Approvals	cETLus; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003; UKRAINIAN; TUV Eye Comfort certified; CCC; CECP; CEL
HDMI ports quantity	2	Heavy metals free	Hg (mercury), Pb (lead)
HDMI version	1.4	Light sensor	✓
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.4	LowBlue mode	✓
Audio output	✓	Compliance certificates	RoHS
HDCP	✓	Mean time between failures (MTBF)	70000 h
HDCP version	1.4	Ethernet LAN data rates	10,100,1000 Mbit/s
DC-in jack	✓	Wake-on-LAN	✓
DisplayPort output	✓	Certification	cETLus, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003, UKRAINIAN, TUV Eye Comfort certified, CCC, CECP, CEL
Network		Recycling data	
Ethernet LAN	✓	Recyclable packaging material	100%
Ergonomics		Post-consumer recycled plastic	85%
VESA mounting *	✓	Logistics data	
Panel mounting interface	100 x 100 mm	Harmonized System (HS) code	85285210
Cable lock slot *	✓		



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