

Philips B Line 276B1JH/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : Philips

Product family: B Line

Product code: 276B1JH/00

Product name : 276B1JH/00

Monitor 276B1JH LCD monitor with USB docking

Philips B Line 276B1JH/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

This Philips monitor offers 100W power delivery and a simple laptop docking solution. One USB dual mesh cable with Type C and A connectors delivers video, Ethernet, power-charge and DisplayLink. Windows Hello webcam offers greater security.

Philips B Line 276B1JH/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, 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

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✗
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Display surface	Matt
Anti-glare screen	✓
Screen shape *	Flat
Aspect ratio	16:9
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	50000000:1
Dynamic contrast ratio marketing name	SmartContrast
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Pixel pitch	0.2331 x 0.2331 mm
Pixel density	109 ppi
Horizontal scan range	30 - 114 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Digital horizontal frequency	30 - 114 kHz
Digital vertical frequency	48 - 75 Hz
Display diagonal (metric)	68.6 cm

Ergonomics

VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Adjustable height (max)	15 cm
Pivot	✓
Pivot angle	-90 - 90°
Swivel angle range	-180 - 180°
Tilt adjustment	✓
Tilt angle range	-5 - 30°
On Screen Display (OSD)	✓
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
Number of OSD languages	21
Plug and Play	✓
LED indicators	Operation, Stand-by

Power

Energy efficiency class (SDR) *	E
Energy consumption (SDR) per 1000 hours *	20 kWh
Power consumption (typical) *	17.7 W
Power consumption (standby) *	0.3 W
Power consumption (off)	0 W
Power consumption (PowerSave)	17.6 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Display		Power		
DDC/CI	✓	AC adapter output voltage	19 V	
Haze rate	25%	Power supply type	Internal	
Surface hardness	3H	Energy efficiency scale	A to G	
sRGB coverage (typical)	107%	European Product Registry for Energy Labelling (EPREL) code	403953	
NTSC coverage (typical)	104%			
Display sRGB	✓	Operational conditions		
Performance		Operating temperature (T-T)	0 - 40 °C	
NVIDIA G-SYNC *	✗	Storage temperature (T-T)	-20 - 60 °C	
AMD FreeSync *	✗	Operating relative humidity (H-H)	20 - 80%	
Component video sync	Separate sync	Operating altitude	0 - 3658 m	
Flicker-free technology	✓	Non-operating altitude	0 - 12192 m	
Low Blue Light technology	✓	Weight & dimensions		
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Width (with stand)	613 mm	
Mac operating systems supported	Mac OS X 10.0 Cheetah, Mac OS X 10.1 Puma, Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 10.2 Jaguar, Mac OS X 10.3 Panther, Mac OS X 10.4 Tiger, Mac OS X 10.5 Leopard, Mac OS X 10.6 Snow Leopard, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks, Mac OS X 11.0 Big Sur	Depth (with stand)	225 mm	
		Height (with stand)	537 mm	
		Weight (with stand)	7.38 kg	
		Width (without stand)	613 mm	
		Depth (without stand)	54 mm	
		Height (without stand)	366 mm	
		Weight (without stand)	5.59 kg	
	Packaging data			
		Package width	730 mm	
		Package depth	193 mm	
	Package height	471 mm		
	Package weight	11.1 kg		
Multimedia		Packaging content		
Number of speakers	2	Stand included	✓	
RMS rated power	3 W	Cables included	HDMI, DisplayPort, USB Type-C, DC, AC	
Built-in speaker(s) *	✓	Manual	✓	
Megapixel (approx.)	2 MP	Bundled software	SmartControl	
Built-in microphone	✓	Sustainability		
Built-in camera *	✓	Sustainability certificates	ENERGY STAR, TCO	
Design		Doesn't contain	Mercury, PVC/BFR	
Product colour *	Black	Other features		
Front bezel colour	Black	HBR3 support	✓	
Feet colour	Black	USB Power Delivery revision	3.0	
Ports & interfaces		Exterior finish type	Textured	
Built-in USB hub *	✓	Recyclable packaging material	100%	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Heavy metals free	Hg (mercury), Pb (lead)	
USB upstream port type	USB Type-C	ECO mode	✓	
Number of upstream ports	1	Light sensor	✓	
Number of USB Type-C upstream ports quantity	1	EasyRead mode	✓	
USB Type-A downstream ports quantity	4	LowBlue mode	✓	
USB Type-C downstream ports quantity	1	Picture enhancement	SmartImage	
USB Type-C DisplayPort Alternate Mode	✓	Regulatory Approvals	UKRAINIAN; CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; CE Mark; TUV Eye Comfort certified	
USB Power Delivery (USB PD)	✓	Compliance certificates	RoHS	
USB Power Delivery up to	100 W	Mean time between failures (MTBF)	70000 h	
DVI port	✗	Ethernet LAN data rates	10,100,1000 Mbit/s	
HDMI *	✓	Ethernet LAN (RJ-45) ports	1	
HDMI ports quantity	1	Wake-on-LAN	✓	
HDMI version	1.4	Certification	UKRAINIAN, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, CE Mark, TUV Eye Comfort certified	
DisplayPorts quantity	1			
DisplayPort version	1.4			
Audio input	✗			

Ports & interfaces		Recycling data	
Audio output	✓	Post-consumer recycled plastic	85%
Headphone out *	✗	Logistics data	
HDCP	✓	Harmonized System (HS) code	85285210
HDCP version	1.4		
DC-in jack	✓		
DisplayPort output	✓		
Network			
Ethernet LAN	✓		



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