

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 100 W 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 functions. 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/m ²
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

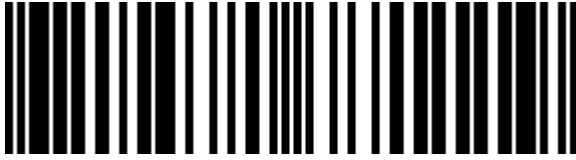
VESA mounting *	✓
Panel mounting interface	100 x 100 mm
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Height adjustment	15 cm
Pivot	✓
Pivot angle	-90 - 90°
Swivel angle range	-180 - 180°
Tilt adjustment	✓
Tilt angle range	-5 - 30°
On Screen Display (OSD)	✓
On Screen Display (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
AC adapter output voltage	19 V

Display		Power	
DDC/CI	✓	Power supply type	Internal
Haze rate	25%	Energy efficiency scale	A to G
Surface hardness	3H	European Product Registry for Energy Labelling (EPREL) code	403953
sRGB coverage (typical)	107%	Operational conditions	
NTSC coverage (typical)	104%	Operating temperature (T-T)	0 - 40 °C
Display sRGB	✓	Storage temperature (T-T)	-20 - 60 °C
Performance		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗	Operating altitude	0 - 3658 m
AMD FreeSync *	✗	Non-operating altitude	0 - 12192 m
Component video sync	Separate sync	Weight & dimensions	
Flicker-free technology	✓	Width (with stand)	613 mm
Low Blue Light technology	✓	Depth (with stand)	225 mm
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	Height (with stand)	537 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	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
Multimedia		Packaging data	
Number of speakers	2	Package width	730 mm
RMS rated power	3 W	Package depth	193 mm
Built-in speaker(s) *	✓	Package height	471 mm
Megapixel (approx.)	2 MP	Package weight	11.1 kg
Built-in microphone	✓	Packaging content	
Built-in camera *	✓	Stand included	✓
Design		Cables included	HDMI, DisplayPort, USB Type-C, DC, AC
Product colour *	Black	Manual	✓
Front bezel colour	Black	Bundled software	SmartControl
Feet colour	Black	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, TCO
Built-in USB hub *	✓	Doesn't contain	Mercury, PVC/BFR
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Other features	
USB upstream port type	USB Type-C	HBR3 support	✓
Number of upstream ports	1	USB Power Delivery revision	3.0
Number of USB Type-C upstream ports quantity	1	Exterior finish type	Textured
USB Type-A downstream ports quantity	4	Recyclable packaging material	100%
USB Type-C downstream ports quantity	1	Heavy metals free	Hg (mercury), Pb (lead)
USB Type-C DisplayPort Alternate Mode	✓	ECO mode	✓
USB Power Delivery	✓	Light sensor	✓
USB Power Delivery up to	100 W	EasyRead mode	✓
DVI port	✗	LowBlue mode	✓
HDMI *	✓	Picture enhancement	SmartImage
HDMI ports quantity	1	Regulatory Approvals	UKRAINIAN; CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; CE Mark; TUV Eye Comfort certified
HDMI version	1.4	Compliance certificates	RoHS
DisplayPorts quantity	1	Mean time between failures (MTBF)	70000 h
DisplayPort version	1.4	Ethernet LAN data rates	10,100,1000 Mbit/s
Audio input	✗	Ethernet LAN (RJ-45) ports	1
Audio output	✓	Wake-on-LAN	✓
Headphone out *	✗	Certification	UKRAINIAN, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, CE Mark, TUV Eye Comfort certified
		Recycling data	
		Post-consumer recycled plastic	85%

Ports & interfaces		Logistics data	
HDCP	✓	Harmonized System (HS) code	85285210
HDCP version	1.4		
DC-in jack	✓		
DisplayPort output	✓		
Network			
Ethernet LAN	✓		



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