

PHILIPS

## 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		Ports & interfaces	
Display diagonal *	68.6 cm (27")	DC-in jack	✓
Display resolution *	2560 x 1440 pixels	DisplayPort output	✓
HD type *	Quad HD	<b>Network</b>	
Native aspect ratio *	16:9	Ethernet LAN	✓
Display technology *	LCD	<b>Ergonomics</b>	
Panel type *	IPS	VESA mounting *	✓
Backlight type	W-LED	Panel mounting interface	100 x 100 mm
Touchscreen *	✗	Cable lock slot *	✓
Display brightness (typical)	350 cd/m <sup>2</sup>	Cable lock slot type	Kensington
Response time	4 ms	Height adjustment *	✓
Display surface	Matt	Height adjustment	15 cm
Anti-glare screen	✓	Pivot	✓
Screen shape *	Flat	Pivot angle	-90 - 90°
Aspect ratio	16:9	Swivel angle range	-180 - 180°
Contrast ratio (typical) *	1000:1	Tilt adjustment	✓
Contrast ratio (dynamic)	50000000:1	Tilt angle range	-5 - 30°
Dynamic contrast ratio marketing name	SmartContrast	On Screen Display (OSD)	✓
Maximum refresh rate *	75 Hz	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
Viewing angle, horizontal	178°	Number of OSD languages	21
Viewing angle, vertical	178°	Plug and Play	✓
Display number of colours *	16.7 million colours	LED indicators	Operation, Stand-by
Pixel pitch	0.2331 x 0.2331 mm	<b>Power</b>	
Pixel density	109 ppi	Energy efficiency class (SDR) *	E
Horizontal scan range	30 - 114 kHz	Energy consumption (SDR) per 1000 hours *	20 kWh
Vertical scan range	48 - 75 Hz	Power consumption (typical) *	17.7 W
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		

<b>Display</b>		<b>Power</b>	
DDC/CI	✓	Power consumption (standby) *	0.3 W
Haze rate	25%	Power consumption (PowerSave)	17.6 W
Surface hardness	3H	AC input voltage	100 - 240 V
sRGB coverage (typical)	107%	AC input frequency	50 - 60 Hz
NTSC coverage (typical)	104%	AC adapter output voltage	19 V
Display sRGB	✓	Power supply type	Internal
<b>Performance</b>		Energy efficiency scale	A to G
NVIDIA G-SYNC *	✗	<b>Operational conditions</b>	
AMD FreeSync *	✗	Operating temperature (T-T)	0 - 40 °C
Component video sync	Separate sync	Storage temperature (T-T)	-20 - 60 °C
Flicker-free technology	✓	Operating relative humidity (H-H)	20 - 80%
Low Blue Light technology	✓	Operating altitude	0 - 3658 m
HBR3 support	✓	Non-operating altitude	0 - 12192 m
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1	<b>Packaging content</b>	
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	Stand included	✓
		Cables included	HDMI, DisplayPort, USB Type-C, DC, AC
		Manual	✓
		Bundled software	SmartControl
<b>Multimedia</b>		<b>Weight &amp; dimensions</b>	
Built-in speaker(s) *	✓	Width (with stand)	613 mm
Built-in camera *	✓	Depth (with stand)	225 mm
Number of speakers	2	Height (with stand)	537 mm
RMS rated power	3 W	Weight (with stand)	7.38 kg
Megapixel (approx.)	2 MP	Width (without stand)	613 mm
Built-in microphone	✓	Depth (without stand)	54 mm
<b>Design</b>		Height (without stand)	366 mm
Product colour *	Black	Weight (without stand)	5.59 kg
Front bezel colour	Black	<b>Packaging data</b>	
Feet colour	Black	Package width	730 mm
Heavy metals free	Hg (mercury), Pb (lead)	Package depth	193 mm
Certification	UKRAINIAN, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, CE Mark, TUV Eye Comfort certified	Package height	471 mm
		Package weight	11.1 kg
<b>Ports &amp; interfaces</b>		<b>Sustainability</b>	
Built-in USB hub *	✓	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	European Product Registry for Energy Labelling (EPREL) code	403953
Number of upstream ports	1	<b>Recycling data</b>	
Number of USB Type-C upstream ports quantity	1	Post-consumer recycled plastic	85%
USB Type-A downstream ports quantity	4	<b>Logistics data</b>	
USB Type-C downstream ports quantity	1	Harmonized System (HS) code	85285210
USB Type-C DisplayPort Alternate Mode	✓	<b>Technical details</b>	
USB Power Delivery	✓	Compliance certificates	RoHS
USB Power Delivery up to	100 W	<b>Other features</b>	
DVI port	✗	USB Power Delivery revision	3.0
HDMI *	✓	Exterior finish type	Textured
HDMI ports quantity	1	Picture enhancement	SmartImage
HDMI version	1.4	Recyclable packaging material	100%
		Regulatory Approvals	UKRAINIAN; CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; CE Mark; TUV Eye Comfort certified
		ECO mode	✓
		Light sensor	✓
		EasyRead mode	✓
		LowBlue mode	✓

Ports & interfaces		Other features	
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 *	✘		
HDCP	✔		
HDCP version	1.4		



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