

# Philips B Line 276B9H/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD Black

**Brand :** Philips

**Product family:** B Line

**Product code:** 276B9H/00

**Product name :** 276B9H/00

Business Monitor 276B9H LCD monitor with USB-C

Philips B Line 276B9H/00 LED display 68.6 cm (27") 2560 x 1440 pixels Quad HD Black:

The Philips B line monitor with USB-C replaces cable clutter. View Quad HD image quality and re-charge your laptop all at the same time with a single USB-C cable. A secure pop-up webcam with Windows Hello offers personalised, greater security.

Philips B Line 276B9H/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad 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")	Pivot angle	-90 - 90°
Display resolution *	2560 x 1440 pixels	Swivelling	✓
HD type *	Quad HD	Swivel angle range	-175 - 175°
Native aspect ratio *	16:9	Tilt adjustment	✓
Display technology *	LED	Tilt angle range	-5 - 30°
Panel type *	IPS	On Screen Display (OSD)	✓
Backlight type	W-LED	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
Touchscreen *	✗	Number of OSD languages	21
Display brightness (typical)	350 cd/m <sup>2</sup>	Plug and Play	✓
Response time *	4 ms	LED indicators	Operation, Stand-by
Display surface	Matt		
Anti-glare screen	✓	Power	
Screen shape *	Flat	Energy efficiency class (SDR) *	F
Aspect ratio	16:9	Energy consumption (SDR) per 1000 hours *	26 kWh
Contrast ratio (typical) *	1000:1	Power consumption (typical) *	18.6 W
Contrast ratio (dynamic)	50000000:1	Power consumption (standby) *	0.3 W
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (off)	0 W
Maximum refresh rate *	75 Hz	Power consumption (PowerSave)	14.9 W
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V
Viewing angle, vertical	178°	AC input frequency	50 - 60 Hz
Display number of colours *	16.7 million colours	Power supply type	Internal
Pixel pitch	0.233 x 0.233 mm	Energy efficiency scale	A to G
Pixel density	109 ppi	European Product Registry for Energy Labelling (EPREL) code	493899
Horizontal scan range	30 - 114 kHz		
Vertical scan range	48 - 75 Hz		
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.6 cm		
DDC/CI	✓		

<b>Display</b>		<b>Operational conditions</b>	
Haze rate	25%	Operating temperature (T-T)	0 - 40 °C
Surface hardness	3H	Storage temperature (T-T)	-20 - 60 °C
sRGB coverage (typical)	124%	Operating relative humidity (H-H)	20 - 80%
NTSC coverage (typical)	111%	Operating altitude	0 - 3658 m
Display sRGB	✓	Non-operating altitude	0 - 12192 m
<b>Performance</b>		<b>Weight &amp; dimensions</b>	
NVIDIA G-SYNC *	✗	Width (with stand)	614 mm
AMD FreeSync *	✗	Depth (with stand)	263 mm
VESA Adaptive Sync support	✓	Height (with stand)	558 mm
Component video sync	Separate sync	Weight (with stand)	7.85 kg
Flicker-free technology	✓	Width (without stand)	614 mm
Low Blue Light technology	✓	Depth (without stand)	61 mm
<b>Multimedia</b>		Height (without stand)	372 mm
Number of speakers	2	Weight (without stand)	5.1 kg
RMS rated power	2 W	<b>Packaging data</b>	
Built-in speaker(s) *	✓	Package width	690 mm
Megapixel (approx.)	2 MP	Package depth	250 mm
Built-in microphone	✓	Package height	462 mm
Built-in camera *	✓	Package weight	10.3 kg
<b>Design</b>		Package type	Box
Market positioning *	Home	<b>Packaging content</b>	
Product colour *	Black	Stand included	✓
Front bezel colour	Black	Cables included	HDMI, DisplayPort, USB Type-C, AC
Feet colour	Black	Manual	✓
<b>Ports &amp; interfaces</b>		Bundled software	SmartControl
Built-in USB hub *	✓	<b>Sustainability</b>	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Sustainability certificates	ENERGY STAR, TCO
USB upstream port type	USB Type-C	Doesn't contain	PVC/BFR, Mercury
Number of upstream ports	1	<b>Other features</b>	
USB Type-C DisplayPort Alternate Mode	✓	USB Power Delivery revision	3.0
USB Power Delivery	✓	Exterior finish type	Textured
USB Power Delivery up to	65 W	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	1	Regulatory Approvals	CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; CE Mark
HDMI version	1.4	Heavy metals free	Hg (mercury)
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.2	LowBlue mode	✓
Audio output	✓	Energy efficiency class (old)	F
HDCP	✓	Compliance certificates	RoHS
HDCP version	1.4	Mean time between failures (MTBF)	70000 h
<b>Ergonomics</b>		Certification	CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, CE Mark
VESA mounting *	✓	<b>Recycling data</b>	
Panel mounting interface	100 x 100 mm	Post-consumer recycled plastic	85%
Cable lock slot *	✓	<b>Logistics data</b>	
Cable lock slot type	Kensington	Harmonized System (HS) code	85285210
Height adjustment *	✓		
Height adjustment	15 cm		
Pivot	✓		



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