

Philips B Line 276B9/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black

Brand : Philips

Product family: B Line

Product code: 276B9/00

Product name : 276B9/00



276B9 LCD monitor with USB-C

Philips B Line 276B9/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LED Black:

View Quad HD image and re-charge your laptop, all at the same time with a single USB-C cable.

SmartErgo base, Flicker-free and LowBlue mode make work easy-on-the eyes.

Philips B Line 276B9/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LED, 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 2 (3.1 Gen 2). VESA mounting. Height adjustment. Product colour: Black



Display	Ergonomics
Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LED
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	X
Display brightness (typical)	350 cd/m²
Response time *	4 ms
Anti-glare screen	✓
Screen shape *	Flat
Supported graphics resolutions	2560 x 1440
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	108.79 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
Cable lock slot *	✓
Cable lock slot type	Kensington
Height adjustment *	✓
Adjustable height (max)	15 cm
Pivot	✓
Pivot angle	-90 - 90°
Swivelling	✓
Swivel angle range	-175 - 175°
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) *	F
Energy consumption (SDR) per 1000 hours *	26 kWh
Power consumption (typical) *	18.6 W
Power consumption (standby) *	0.3 W
Power consumption (PowerSave)	19.7 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Display		Power	
Digital vertical frequency	48 - 75 Hz	Power supply type	Internal
Display diagonal (metric)	68.5 cm	Energy efficiency scale	A to G
DDC/CI	✓	Operational conditions	
Haze rate	25%	Operating temperature (T-T)	0 - 40 °C
Surface hardness	3H	Storage temperature (T-T)	-20 - 60 °C
Colour gamut standard	sRGB	Operating relative humidity (H-H)	20 - 80%
Colour gamut	90%	Operating altitude	0 - 3658 m
sRGB coverage (typical)	114%	Non-operating altitude	0 - 12192 m
NTSC coverage (typical)	90%	Weight & dimensions	
Display sRGB	✓	Width (with stand)	614 mm
Performance		Depth (with stand)	263 mm
Component video sync	Separate Sync	Height (with stand)	558 mm
Flicker-free technology	✓	Weight (with stand)	8.15 kg
Low Blue Light technology	✓	Width (without stand)	614 mm
Multimedia		Depth (without stand)	61 mm
Number of speakers	2	Height (without stand)	372 mm
RMS rated power	2 W	Weight (without stand)	5.4 kg
Built-in speaker(s) *	✓	Packaging data	
Built-in camera *	✗	Package width	690 mm
Design		Package depth	250 mm
Market positioning *	Home	Package height	462 mm
Product colour *	Black	Package weight	10.8 kg
Front bezel colour	Black	Package type	Box
Detachable stand	✓	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 2 (3.1 Gen 2)	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	PVC/BFR, Mercury
USB Type-A downstream ports quantity	4	Other features	
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	65 W	Picture enhancement	SmartImage
DVI port	✗	Regulatory Approvals	EPA; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; MEPS; RCM; PSB; PSE; VCCI; CCC; CECP; CEL; FCC Class B; ICES-003; CE Mark; UKRAINIAN
HDMI *	✓		Heavy metals free
HDMI ports quantity	1		Hg (mercury)
HDMI version	1.4	EasyRead mode	✓
DisplayPorts quantity	1	LowBlue mode	✓
DisplayPort version	1.2	Energy efficiency class (old)	F
Audio input	✗	Compliance certificates	RoHS
Audio output	✓	Mean time between failures (MTBF)	70000 h
Headphone out *	✗	Certification	EPA, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, MEPS, RCM, PSB, PSE, VCCI, CCC, CECP, CEL, FCC Class B, ICES-003, CE Mark, UKRAINIAN
HDCP	✓		
HDCP version	1.4		
AC (power) in	✓	Recycling data	
Ergonomics		Recyclable packaging material	100%
VESA mounting *	✓	Post-consumer recycled plastic	85%
Panel mounting interface	100 x 100 mm	Logistics data	
		Harmonized System (HS) code	85285210



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