PHILIPS

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

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 *	✗
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	0.233 x 0.233 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
Display diagonal (metric)	68.6 cm

Ergonomics

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 (off)	0 W
Power consumption (PowerSave)	14.9 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Power supply type	Internal
Energy efficiency scale	A to G
European Product Registry for Energy Labelling (EPREL) code	493899

Display

DDC/CI	✔
Haze rate	25%
Surface hardness	3H
sRGB coverage (typical)	124%
NTSC coverage (typical)	111%
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
VESA Adaptive Sync support	✔
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔

Multimedia

Number of speakers	2
RMS rated power	2 W
Built-in speaker(s) *	✔
Megapixel (approx.)	2 MP
Built-in microphone	✔
Built-in camera *	✔

Design

Market positioning *	Home
Product colour *	Black
Front bezel colour	Black
Feet colour	Black

Ports & interfaces

Built-in USB hub *	✔
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
Number of upstream ports	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery (USB PD)	✔
USB Power Delivery up to	65 W
HDMI *	✔
HDMI ports quantity	1
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio output	✔
HDCP	✔
HDCP version	1.4

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	✔

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Weight & dimensions

Width (with stand)	614 mm
Depth (with stand)	263 mm
Height (with stand)	558 mm
Weight (with stand)	7.85 kg
Width (without stand)	614 mm
Depth (without stand)	61 mm
Height (without stand)	372 mm
Weight (without stand)	5.1 kg

Packaging data

Package width	690 mm
Package depth	250 mm
Package height	462 mm
Package weight	10.3 kg
Package type	Box

Packaging content

Stand included	✔
Cables included	HDMI, DisplayPort, USB Type-C, AC
Manual	✔
Bundled software	SmartControl

Sustainability

Sustainability certificates	ENERGY STAR, TCO
Doesn't contain	PVC/BFR, Mercury

Other features

USB Power Delivery revision	3.0
Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; CE Mark
Heavy metals free	Hg (mercury)
EasyRead mode	✔
LowBlue mode	✔
Energy efficiency class (old)	F
Compliance certificates	RoHS
Mean time between failures (MTBF)	70000 h
Certification	CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, CE Mark

Recycling data

Post-consumer recycled plastic	85%

Logistics data

Harmonized System (HS) code	85285210

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