PHILIPS

Philips B Line 276B1/75 LED display 68.6 cm (27") 2560 x 1440 pixels Full HD Black

Brand : Philips   **Product family:** B Line   **Product code:** 276B1/75

Product name : 276B1/75

Monitor 276B1 LCD monitor with USB-C docking

Philips B Line 276B1/75 LED display 68.6 cm (27") 2560 x 1440 pixels Full HD Black:
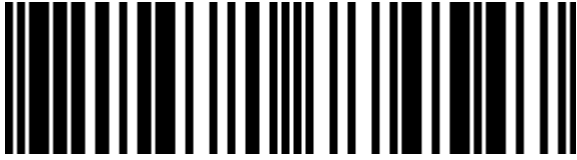
This Philips monitor offers 90W power delivery and a simple laptop docking solution. View QHD images, recharge a laptop and stay connected to Ethernet, all at the same time with a single USB-C cable. Eye comfort with TUV certification to reduce eye fatigue.
Philips B Line 276B1/75. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Full 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: 2.0 / 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black

Display		Ports & interfaces	
Display diagonal *	68.6 cm (27")	HDCP version	1.4
Display resolution *	2560 x 1440 pixels	AC (power) in	✔
HD type *	Full HD	DisplayPort output	✔
Native aspect ratio *	16:9	**Network**	
Display technology *	LED	Ethernet LAN	✔
Panel type *	IPS		
Backlight type	W-LED	**Ergonomics**	
Touchscreen *	✘	VESA mounting *	✔
Display brightness (typical)	350 cd/m²	Panel mounting interface	100 x 100 mm
Response time	4 ms	Cable lock slot *	✔
Display surface	Matt	Cable lock slot type	Kensington
Anti-glare screen	✔	Height adjustment *	✔
Screen shape *	Flat	Height adjustment	15 cm
Aspect ratio	16:9	Pivot	✔
Contrast ratio (typical) *	1000:1	Pivot angle	-90 - 90°
Contrast ratio (dynamic)	50000000:1	Swivelling	✔
Dynamic contrast ratio marketing name	SmartContrast	Swivel angle range	-180 - 180°
		Tilt adjustment	✔
Maximum refresh rate *	75 Hz	Tilt angle range	-5 - 35°
Viewing angle, horizontal	178°	On Screen Display (OSD)	✔
Viewing angle, vertical	178°		
Display number of colours *	16.7 million colours	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
Pixel pitch	0.2331 x 0.2331 mm		
Pixel density	109 ppi		
Horizontal scan range	30 - 114 kHz		
Vertical scan range	48 - 75 Hz	Number of OSD languages	21
Viewable size, horizontal	59.7 cm	Plug and Play	✔
Viewable size, vertical	33.6 cm	LED indicators	Operation, Stand-by
Digital horizontal frequency	30 - 114 kHz		
Digital vertical frequency	48 - 75 Hz		

Display

Display diagonal (metric)	68.6 cm
DDC/CI	✔
Haze rate	25%
Surface hardness	3H
RGB colour space	sRGB
Colour gamut	110%
sRGB coverage (typical)	107%
NTSC coverage (typical)	104%
Display sRGB	✔

Performance

NVIDIA G-SYNC *	✘
AMD FreeSync *	✘
Component video sync	Separate sync
Flicker-free technology	✔
Low Blue Light technology	✔
HBR3 support	✔

Multimedia

Built-in speaker(s) *	✔
Built-in camera *	✘
Number of speakers	2
RMS rated power	4 W

Design

Market positioning *	Business
Product colour *	Black
Front bezel colour	Black
Feet colour	Black
Heavy metals free	Hg (mercury), Pb (lead)
Certification	cETLus, CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003, UKRAINIAN, TUV Eye Comfort certified, MEPS, RCM

Ports & interfaces

Built-in USB hub *	✔
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
Number of upstream ports	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C downstream ports quantity	1
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔
USB Power Delivery up to	90 W
HDMI *	✔
HDMI ports quantity	2
HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.4
Audio output	✔
Headphone out *	✘
HDCP	✔

Power

Energy efficiency class (SDR) *	F
Energy consumption (SDR) per 1000 hours *	26 kWh
Power consumption (typical) *	20.2 W
Power consumption (standby) *	0.3 W
Power consumption (PowerSave)	16.4 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
AC adapter output voltage	19 V
Power supply type	Internal
Energy efficiency scale	A to G

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

Packaging content

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

Weight & dimensions

Width (with stand)	613 mm
Depth (with stand)	225 mm
Height (with stand)	537 mm
Weight (with stand)	7.26 kg
Width (without stand)	613 mm
Depth (without stand)	54 mm
Height (without stand)	366 mm
Weight (without stand)	5.47 kg

Packaging data

Package width	730 mm
Package depth	193 mm
Package height	471 mm
Package weight	10.9 kg

Sustainability

Sustainability certificates	ENERGY STAR, TCO, RoHS
Doesn't contain	Mercury, PVC/BFR
European Product Registry for Energy Labelling (EPREL) code	349924

Recycling data

Post-consumer recycled plastic	85%

Other features

Exterior finish type	Textured
Picture enhancement	SmartImage
Recyclable packaging material	100%
Regulatory Approvals	cETLus; CB; TUV/GS; TUV Ergo; SEMKO; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003; UKRAINIAN; TUV Eye Comfort certified; CCC; CECP; CEL
Light sensor	✔
EasyRead mode	✔
LowBlue mode	✔
Mean time between failures (MTBF)	70000 h
Wake-on-LAN	✔

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