

# 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:

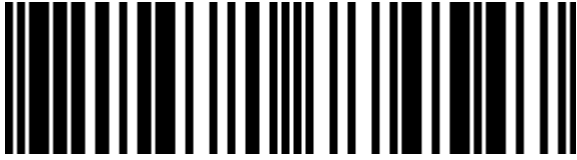
This Philips monitor offers 90W power delivery and a simple laptop docking solution. View QHD images, recharge a laptop and stay connected to Ethernet, all at the same time with a single USB-C cable. Eye comfort with TUV certification to reduce eye fatigue.

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		Ergonomics	
Display diagonal *	68.6 cm (27")	VESA mounting *	✓
Display resolution *	2560 x 1440 pixels	Panel mounting interface	100 x 100 mm
HD type *	Full HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LED	Height adjustment *	✓
Panel type *	IPS	Height adjustment	15 cm
Backlight type	W-LED	Pivot	✓
Touchscreen *	✗	Pivot angle	-90 - 90°
Display brightness (typical)	350 cd/m²	Swivelling	✓
Response time *	4 ms	Swivel angle range	-180 - 180°
Display surface	Matt	Tilt adjustment	✓
Anti-glare screen	✓	Tilt angle range	-5 - 35°
Screen shape *	Flat	On Screen Display (OSD)	✓
Aspect ratio	16:9	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
Contrast ratio (typical) *	1000:1	Number of OSD languages	21
Contrast ratio (dynamic)	50000000:1	Plug and Play	✓
Dynamic contrast ratio marketing name	SmartContrast	LED indicators	Operation, Stand-by
Maximum refresh rate *	75 Hz	<b>Power</b>	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	F
Viewing angle, vertical	178°	Energy consumption (SDR) per 1000 hours *	26 kWh
Display number of colours *	16.7 million colours	Power consumption (typical) *	20.2 W
Pixel pitch	0.2331 x 0.2331 mm	Power consumption (standby) *	0.3 W
Pixel density	109 ppi	Power consumption (PowerSave)	16.4 W
Horizontal scan range	30 - 114 kHz	AC input voltage	100 - 240 V
Vertical scan range	48 - 75 Hz	AC input frequency	50 - 60 Hz
Viewable size, horizontal	59.7 cm	AC adapter output voltage	19 V
Viewable size, vertical	33.6 cm	Power supply type	Internal
Digital horizontal frequency	30 - 114 kHz		
Digital vertical frequency	48 - 75 Hz		
Display diagonal (metric)	68.6 cm		
DDC/CI	✓		

<b>Display</b>		<b>Power</b>	
Haze rate	25%	Energy efficiency scale	A to G
Surface hardness	3H	European Product Registry for Energy Labelling (EPREL) code	349924
Colour gamut standard	sRGB	<b>Operational conditions</b>	
Colour gamut	110%	Operating temperature (T-T)	0 - 40 °C
sRGB coverage (typical)	107%	Storage temperature (T-T)	-20 - 60 °C
NTSC coverage (typical)	104%	Operating relative humidity (H-H)	20 - 80%
Display sRGB	✓	Operating altitude	0 - 3658 m
<b>Performance</b>		Non-operating altitude	0 - 12192 m
NVIDIA G-SYNC *	✗	<b>Weight &amp; dimensions</b>	
AMD FreeSync *	✗	Width (with stand)	613 mm
Component video sync	Separate sync	Depth (with stand)	225 mm
Flicker-free technology	✓	Height (with stand)	537 mm
Low Blue Light technology	✓	Weight (with stand)	7.26 kg
<b>Multimedia</b>		Width (without stand)	613 mm
Number of speakers	2	Depth (without stand)	54 mm
RMS rated power	4 W	Height (without stand)	366 mm
Built-in speaker(s) *	✓	Weight (without stand)	5.47 kg
Built-in camera *	✗	<b>Packaging data</b>	
<b>Design</b>		Package width	730 mm
Market positioning *	Business	Package depth	193 mm
Product colour *	Black	Package height	471 mm
Front bezel colour	Black	Package weight	10.9 kg
Feet colour	Black	<b>Packaging content</b>	
<b>Ports &amp; interfaces</b>		Stand included	✓
Built-in USB hub *	✓	Cables included	HDMI, DisplayPort, USB Type-C, AC
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Manual	✓
USB upstream port type	USB Type-C	Bundled software	SmartControl
Number of upstream ports	1	<b>Sustainability</b>	
Number of USB Type-C upstream ports quantity	1	Sustainability certificates	ENERGY STAR, TCO
USB Type-A downstream ports quantity	4	Doesn't contain	Mercury, PVC/BFR
USB Type-C downstream ports quantity	1	<b>Other features</b>	
USB Type-C DisplayPort Alternate Mode	✓	HBR3 support	✓
USB Power Delivery	✓	Exterior finish type	Textured
USB Power Delivery up to	90 W	Picture enhancement	SmartImage
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	2	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
HDMI version	1.4	Heavy metals free	Hg (mercury), Pb (lead)
DisplayPorts quantity	1	Light sensor	✓
DisplayPort version	1.4	EasyRead mode	✓
Audio output	✓	LowBlue mode	✓
Headphone out *	✗	Compliance certificates	RoHS
HDCP	✓	Mean time between failures (MTBF)	70000 h
HDCP version	1.4	Wake-on-LAN	✓
AC (power) in	✓	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
DisplayPort output	✓	<b>Recycling data</b>	
<b>Network</b>		Post-consumer recycled plastic	85%
Ethernet LAN	✓		



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