

# Philips B Line 275B1 computer monitor 68.6 cm (27") 2560 x 1440 pixels 2K Ultra HD LCD Black



Brand : Philips

Product family: B Line

Product code: 275B1

Product name : 275B1

- B Line

- 27" (68.6 cm)

- 2560 x 1440 (QHD)

IPS, LCD, W-LED, 27", 596.736 x 335.664, 16:9, 2560 x 1440 @ 75Hz, 109 PPI, 4 ms, 300 cd/m<sup>2</sup>

Philips B Line 275B1. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: 2K Ultra HD, Display technology: LCD, 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")	Audio output	✓
Display resolution *	2560 x 1440 pixels	HDCP	✓
HD type *	2K Ultra HD	DC-in jack	✓
Native aspect ratio *	16:9	<b>Ergonomics</b>	
Display technology *	LCD	VESA mounting *	✓
Panel type *	IPS	Panel mounting interface	100 x 100 mm
Backlight type	W-LED	Cable lock slot *	✓
Touchscreen *	✗	Cable lock slot type	Kensington
Display brightness (typical)	300 cd/m <sup>2</sup>	Height adjustment *	✓
Response time *	4 ms	Height adjustment	15 cm
Display surface	Matt	Pivot	✓
Screen shape *	Flat	Pivot angle	90 - 90°
Supported graphics resolutions	1280 x 720 (HD 720), 1360 x 768 (WXGA), 1920 x 1200 (WUXGA), 2560 x 1440	Swivelling	✓
		Swivel angle range	0 - 180°
Supported video modes	720p, 768p, 1080p, 1440p	Tilt adjustment	✓
Aspect ratio	16:9	Tilt angle range	-5 - 35°
Contrast ratio (typical) *	1000:1	On Screen Display (OSD)	✓
Contrast ratio (dynamic)	50000000:1	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
Dynamic contrast ratio marketing name	SmartContrast		
Maximum refresh rate *	75 Hz	Number of OSD languages	21
Viewing angle, horizontal	178°	Plug and Play	✓
Viewing angle, vertical	178°	LED indicators	Operation, Stand-by
Display number of colours *	16.78 million colours	<b>Power</b>	
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency class (SDR) *	F
Pixel density	109 ppi	Energy consumption (SDR) per 1000 hours *	25 kWh
Horizontal scan range	30 - 114 kHz	Power consumption (typical) *	18 W
Vertical scan range	48 - 75 Hz	Power consumption (standby) *	0.4 W
Viewable size, horizontal	59.7 cm	Power consumption (PowerSave)	17.5 W
Viewable size, vertical	33.6 cm	AC input voltage	100 - 240 V
Digital horizontal frequency	30 - 114 kHz	AC input frequency	50 - 60 Hz
Digital vertical frequency	48 - 75 Hz	Energy efficiency scale	A to G
Colour gamut standard	sRGB	European Product Registry for Energy Labelling (EPREL) code	405246
Colour gamut	110%	<b>Operational conditions</b>	
sRGB coverage (typical)	123%	Operating temperature (T-T)	0 - 40 °C
NTSC coverage (typical)	110%	Storage temperature (T-T)	-20 - 60 °C
<b>Performance</b>		Operating relative humidity (H-H)	20 - 80%
NVIDIA G-SYNC *	✗		
AMD FreeSync *	✗		
VESA Adaptive Sync support	✓		
Component video sync	Separate sync		

<b>Performance</b>		<b>Operational conditions</b>	
Flicker-free technology	✓	Storage relative humidity (H-H)	20 - 80%
Low Blue Light technology	✓	Operating altitude	0 - 3658 m
<b>Multimedia</b>		Non-operating altitude	0 - 12192 m
Number of speakers	2	<b>Weight &amp; dimensions</b>	
RMS rated power	2 W	Width (with stand)	613 mm
Built-in speaker(s) *	✓	Depth (with stand)	205 mm
Built-in camera *	✗	Height (with stand)	537 mm
<b>Design</b>		Weight (with stand)	6.36 kg
Market positioning *	Business	Width (without stand)	613 mm
Product colour *	Black	Depth (without stand)	51 mm
Frameless design	✓	Height (without stand)	366 mm
Front bezel colour	Black	Weight (without stand)	4.75 kg
Detachable stand	✓	<b>Packaging data</b>	
Feet colour	Black	Package width	700 mm
<b>Ports &amp; interfaces</b>		Package depth	216 mm
Built-in USB hub *	✓	Package height	456 mm
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Package weight	8.47 kg
USB upstream port type	USB Type-B	Package type	Box
Number of upstream ports	1	<b>Packaging content</b>	
USB Type-A downstream ports quantity	4	Stand included	✓
DVI port	✓	<b>Sustainability</b>	
DVI-D ports quantity	1	Sustainability certificates	ENERGY STAR
HDMI *	✓	<b>Other features</b>	
HDMI ports quantity	1	Compliance certificates	RoHS
HDMI version	1.4	Certification	CB, EPA, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, UKRAINIAN, TUV Eye
DisplayPorts quantity	1		
DisplayPort version	1.2		



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