

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/m²

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")	HDMI *	✓
Display resolution *	2560 x 1440 pixels	HDMI ports quantity	1
HD type *	2K Ultra HD	HDMI version	1.4
Native aspect ratio *	16:9	DisplayPorts quantity	1
Display technology *	LCD	DisplayPort version	1.2
Panel type *	IPS	Audio output	✓
Backlight type	W-LED	HDCP	✓
Touchscreen *	✗	DC-in jack	✓
Display brightness (typical)	300 cd/m ²	Ergonomics	
Response time	4 ms	VESA mounting *	✓
Display surface	Matt	Panel mounting interface	100 x 100 mm
Screen shape *	Flat	Cable lock slot *	✓
Supported graphics resolutions	1280 x 720 (HD 720), 1360 x 768 (WXGA), 1920 x 1200 (WUXGA), 2560 x 1440	Cable lock slot type	Kensington
Supported video modes	720p, 768p, 1080p, 1440p	Height adjustment *	✓
Aspect ratio	16:9	Height adjustment	15 cm
Contrast ratio (typical) *	1000:1	Pivot	✓
Contrast ratio (dynamic)	50000000:1	Pivot angle	90 - 90°
Dynamic contrast ratio marketing name	SmartContrast	Swivelling	✓
Maximum refresh rate *	75 Hz	Swivel angle range	0 - 180°
Viewing angle, horizontal	178°	Tilt angle range	-5 - 35°
Viewing angle, vertical	178°	On Screen Display (OSD)	✓
Display number of colours *	16.78 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	Number of OSD languages	21
Pixel density	109 ppi	Plug and Play	✓
Horizontal scan range	30 - 114 kHz	LED indicators	Operation, Stand-by
Vertical scan range	48 - 75 Hz	Tilt adjustment	✓
Viewable size, horizontal	59.7 cm	Power	
Viewable size, vertical	33.6 cm	Energy efficiency class (SDR) *	F
Digital horizontal frequency	30 - 114 kHz	Energy consumption (SDR) per 1000 hours *	25 kWh
Digital vertical frequency	48 - 75 Hz	Power consumption (typical) *	18 W
RGB colour space	sRGB	Power consumption (standby) *	0.4 W
Colour gamut	110%	Power consumption (PowerSave)	17.5 W
sRGB coverage (typical)	123%	AC input voltage	100 - 240 V
NTSC coverage (typical)	110%	AC input frequency	50/60 Hz
Performance		Energy efficiency scale	A to G
NVIDIA G-SYNC *	✗		
AMD FreeSync *	✗		
VESA Adaptive Sync support	✓		
Component video sync	Separate sync		

Performance		Operational conditions	
Flicker-free technology	✓	Operating temperature (T-T)	0 - 40 °C
Low Blue Light technology	✓	Storage temperature (T-T)	-20 - 60 °C
Multimedia		Operating relative humidity (H-H)	20 - 80%
Built-in speaker(s) *	✓	Storage relative humidity (H-H)	20 - 80%
Built-in camera *	✗	Operating altitude	0 - 3658 m
Number of speakers	2	Non-operating altitude	0 - 12192 m
RMS rated power	2 W	Packaging content	
Design		Stand included	✓
Market positioning *	Business	Weight & dimensions	
Product colour *	Black	Width (with stand)	613 mm
Frameless design	✓	Depth (with stand)	205 mm
Front bezel colour	Black	Height (with stand)	537 mm
Detachable stand	✓	Weight (with stand)	6.36 kg
Feet colour	Black	Width (without stand)	61.3 cm
Certification	CB, EPA, FCC Class B, ICES-003, CE Mark, TUV Ergo, TUV/GS, SEMKO, CU-EAC, UKRAINIAN, TUV Eye	Depth (without stand)	5.1 cm
Ports & interfaces		Height (without stand)	36.6 cm
Built-in USB hub *	✓	Weight (without stand)	4.75 kg
USB hub version	2.0 / 3.2 Gen 1 (3.1 Gen 1)	Packaging data	
USB upstream port type	USB Type-B	Package width	700 mm
Number of upstream ports	1	Package depth	216 mm
USB Type-A downstream ports quantity	4	Package height	456 mm
DVI port	✓	Package weight	8.47 kg
DVI-D ports quantity	1	Package type	Box
		Sustainability	
		Sustainability certificates	RoHS, ENERGY STAR



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