

Philips B Line 278B1/00 LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD Black

Brand : Philips

Product family: B Line

Product code: 278B1/00

Product name : 278B1/00

Monitor 278B1 LCD monitor with PowerSensor

Philips B Line 278B1/00 LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD Black:

Get your best work done with this Philips monitor. UltraClear 4K UHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability. Eye comfort features with TUV certified to reduce eye fatigue.

Philips B Line 278B1/00. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra 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. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Panel mounting interface	100 x 100 mm
Display resolution *	3840 x 2160 pixels	Cable lock slot *	✓
HD type *	4K Ultra HD	Cable lock slot type	Kensington
Native aspect ratio *	16:9	Height adjustment *	✓
Display technology *	LED	Adjustable height (max)	15 cm
Panel type *	IPS	Pivot	✓
Backlight type	W-LED	Pivot angle	-90 - 90°
Touchscreen *	✗	Swivelling	✓
Display brightness (typical)	350 cd/m²	Swivel angle range	-180 - 180°
Response time *	4 ms	Tilt adjustment	✓
Display surface	Matt	Tilt angle range	-5 - 35°
Anti-glare screen	✓	On Screen Display (OSD)	✓
Screen shape *	Flat	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
Supported graphics resolutions	1920 x 1080 (HD 1080), 2560 x 1440, 3840 x 2160	Number of OSD languages	21
Supported video modes	1080p, 1440p, 2160p	Plug and Play	✓
Aspect ratio	16:9	LED indicators	Operation, Stand-by
Contrast ratio (typical) *	1000:1	Power	
Contrast ratio (dynamic)	5000000:1	Energy efficiency class (SDR) *	F
Dynamic contrast ratio marketing name	SmartContrast	Energy consumption (SDR) per 1000 hours *	28 kWh
Maximum refresh rate *	60 Hz	Power consumption (typical) *	24.1 W
Viewing angle, horizontal	178°	Power consumption (standby) *	0.3 W
Viewing angle, vertical	178°	Power consumption (PowerSave)	22.5 W
Display number of colours *	1.07 billion colours	AC input voltage	100 - 240 V
Pixel pitch	0.1554 x 0.1554 mm		
Pixel density	163 ppi		
Horizontal scan range	30 - 140 kHz		
Vertical scan range	23 - 75 Hz		

Display		Power	
Viewable size, horizontal	59.7 cm	AC input frequency	50 - 60 Hz
Viewable size, vertical	33.6 cm	Power supply type	Internal
Digital horizontal frequency	30 - 140 kHz	Energy efficiency scale	A to G
Digital vertical frequency	23 - 75 Hz	European Product Registry for Energy Labelling (EPREL) code	413344
Display diagonal (metric)	68.6 cm	Operational conditions	
DDC/CI	✓	Operating temperature (T-T)	0 - 40 °C
Haze rate	25%	Storage temperature (T-T)	-20 - 60 °C
Surface hardness	3H	Operating relative humidity (H-H)	20 - 80%
Colour gamut standard	sRGB	Operating altitude	0 - 3658 m
sRGB coverage (typical)	112%	Non-operating altitude	0 - 12192 m
NTSC coverage (typical)	93%	Weight & dimensions	
Display sRGB	✓	Width (with stand)	613 mm
Performance		Depth (with stand)	205 mm
NVIDIA G-SYNC *	✗	Height (with stand)	537 mm
AMD FreeSync *	✗	Weight (with stand)	6.64 kg
VESA Adaptive Sync support	✓	Width (without stand)	613 mm
Component video sync	Separate sync	Depth (without stand)	51 mm
Flicker-free technology	✓	Height (without stand)	366 mm
Low Blue Light technology	✓	Weight (without stand)	5.03 kg
Multimedia		Packaging data	
Number of speakers	2	Package width	700 mm
RMS rated power	2 W	Package depth	216 mm
Built-in speaker(s) *	✓	Package height	456 mm
Built-in camera *	✗	Package weight	8.75 kg
Design		Package type	Box
Market positioning *	Business	Packaging content	
Product colour *	Black	Stand included	✓
Frameless design	✓	Cables included	HDMI, DisplayPort, AC
Front bezel colour	Black	Manual	✓
Detachable stand	✓	Bundled software	SmartControl
Feet colour	Black	Sustainability	
Ports & interfaces		Sustainability certificates	ENERGY STAR, TCO
Built-in USB hub *	✓	Doesn't contain	Mercury, PVC/BFR
USB hub version	2.0	Other features	
USB upstream port type	USB Type-B	Exterior finish type	Textured
Number of upstream ports	1	Recommended resolution	3840 x 2160 @ 60 Hz
USB Type-A downstream ports quantity	4	Picture enhancement	SmartImage
DVI port	✗	Recyclable packaging material	100%
HDMI *	✓	Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; UKRAINIAN; TUV Eye Comfort certified
HDMI ports quantity	2	Delta E	2
HDMI version	2.0	Light sensor	✓
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.2	LowBlue mode	✓
Audio input	✗	Philips SmartUniformity	97 - 102%
Audio output	✓	Compliance certificates	RoHS
Headphone out *	✓	Mean time between failures (MTBF)	70000 h
Headphone outputs	1	Certification	CB, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, UKRAINIAN, TUV Eye Comfort certified
Headphone connectivity	3.5 mm	Recycling data	
HDCP	✓	Post-consumer recycled plastic	85%
HDCP version	2.2	Logistics data	
Charging port type	USB Type-A	Harmonized System (HS) code	85285210
DC-in jack	✓		
Ergonomics			
VESA mounting *	✓		



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