

Philips B Line 278B1/00 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED 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 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED 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 TÜV 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")	VESA mounting *	✓
Display resolution *	3840 x 2160 pixels	Panel mounting interface	100 x 100 mm
HD type *	4K Ultra HD	Cable lock slot *	✓
Native aspect ratio *	16:9	Cable lock slot type	Kensington
Display technology *	LED	Height adjustment *	✓
Panel type *	IPS	Adjustable height (max)	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)	✓
Supported graphics resolutions	1920 x 1080 (HD 1080), 2560 x 1440, 3840 x 2160	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 video modes	1080p, 1440p, 2160p		
Aspect ratio	16:9		
Contrast ratio (typical) *	1000:1		
Contrast ratio (dynamic)	50000000:1	Number of OSD languages	21
Dynamic contrast ratio marketing name	SmartContrast	Plug and Play	✓
Maximum refresh rate *	60 Hz	LED indicators	Operation, Stand-by
Viewing angle, horizontal	178°	Power	
Viewing angle, vertical	178°	Energy efficiency class (SDR) *	F
Display number of colours *	1.07 billion colours	Energy consumption (SDR) per 1000 hours *	28 kWh
Pixel pitch	0.1554 x 0.1554 mm	Power consumption (typical) *	24.1 W
Pixel density	163 ppi	Power consumption (standby) *	0.3 W
Horizontal scan range	30 - 140 kHz	Power consumption (PowerSave)	22.5 W
Vertical scan range	23 - 75 Hz		

Display		Power	
Viewable size, horizontal	59.7 cm	AC input voltage	100 - 240 V
Viewable size, vertical	33.6 cm	AC input frequency	50 - 60 Hz
Digital horizontal frequency	30 - 140 kHz	Power supply type	Internal
Digital vertical frequency	23 - 75 Hz	Energy efficiency scale	A to G
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	Picture enhancement	SmartImage
USB Type-A downstream ports quantity	4	Regulatory Approvals	CB; FCC Class B; ICES-003; CE Mark; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; UKRAINIAN; TUV Eye Comfort certified
DVI port	✗	Delta E	2
HDMI *	✓	Light sensor	✓
HDMI ports quantity	2	EasyRead mode	✓
HDMI version	2.0	LowBlue mode	✓
DisplayPorts quantity	1	Philips SmartUniformity	97 - 102%
DisplayPort version	1.2	Compliance certificates	RoHS
Audio input	✗	Mean time between failures (MTBF)	70000 h
Audio output	✓	Supplied AC adapter type	3840 x 2160 @ 60 Hz
Headphone out *	✓	Certification	CB, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, UKRAINIAN, TUV Eye Comfort certified
Headphone outputs	1	Recycling data	
Headphone connectivity	3.5 mm	Recyclable packaging material	100%
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	✓		



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