

Philips 1000 series 27E1N1600AE/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : Philips

Product family: 1000 series

Product code:
27E1N1600AE/00

Product name :
27E1N1600AE/00

Monitor 27E1N1600AE Quad HD monitor

Philips 1000 series 27E1N1600AE/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

This monitor is made to keep you connected. With features like USB-C 3.2 with power delivery, users can charge their linked device and work seamlessly, all with one cable. In addition, the singular cable makes for a clean workspace.

Philips 1000 series 27E1N1600AE/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, 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: 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 version	1.4
Display resolution *	2560 x 1440 pixels	Audio output	✓
HD type *	Quad HD	Headphone out *	✗
Native aspect ratio *	16:9	HDCP	✓
Display technology *	LCD	HDCP version	1.4
Panel type *	IPS	Ergonomics	
LED backlight	✓	VESA mounting *	✓
Backlight type	W-LED	Panel mounting interface	100 x 100 mm
Touchscreen *	✗	Cable lock slot *	✓
Display brightness (typical)	350 cd/m²	Cable lock slot type	Kensington
Response time *	4 ms	Height adjustment *	✓
Response time measurement type	GTG (Gray to Gray)	Adjustable height (max)	10 cm
Response time (MPRT)	1 ms	Tilt adjustment	✓
Anti-glare screen	✓	Tilt angle range	-5 - 20°
Screen shape *	Flat	On Screen Display (OSD)	✓
Contrast ratio (typical) *	1500:1	On Screen Display (OSD) languages	Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
Dynamic contrast ratio marketing name	Mega Infinity DCR		
Maximum refresh rate *	100 Hz	Power	
Viewing angle, horizontal	178°	Energy efficiency class (SDR) *	E
Viewing angle, vertical	178°	Energy efficiency class (HDR) *	G
Display number of colours *	16.7 million colours	Energy consumption (SDR) per 1000 hours *	21 kWh
Response time (fast)	1 ms	Power consumption (typical) *	25.5 W
Pixel pitch	0.2331 x 0.2331 mm	Power consumption (standby) *	0.5 W
Pixel density	123.41 ppi		
Horizontal scan range	30 - 190 kHz		
Vertical scan range	48 - 120 Hz		
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		

Display		Power	
Display diagonal (metric)	68.6 cm	Power consumption (off)	0.3 W
High Dynamic Range (HDR) supported	✓	AC input voltage	100 - 240 V
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	AC input frequency	50/60 Hz
DDC/CI	✓	Power supply type	Internal
Haze rate	25%	Energy efficiency scale	A to G
Surface hardness	3H	Operational conditions	
Colour gamut standard	sRGB, NTSC, DCI-P3, Adobe RGB	Operating temperature (T-T)	0 - 40 °C
sRGB coverage (typical)	114.28%	Storage temperature (T-T)	-20 - 60 °C
NTSC coverage (typical)	101.9%	Operating relative humidity (H-H)	20 - 80%
Adobe RGB coverage	87.31%	Operating altitude	0 - 3658 m
DCI-P3 coverage	90.31%	Non-operating altitude	0 - 12192 m
Display sRGB	✓	Weight & dimensions	
Display panel size	27 inch/68.6 cm	Width (with stand)	617 mm
Performance		Depth (with stand)	220 mm
NVIDIA G-SYNC *	✗	Height (with stand)	483 mm
AMD FreeSync *	✗	Weight (with stand)	5.75 kg
VESA Adaptive Sync support	✓	Width (without stand)	617 mm
Flicker-free technology	✓	Depth (without stand)	46 mm
Low Blue Light technology	✓	Height (without stand)	357 mm
Multimedia		Weight (without stand)	3.97 kg
Number of speakers	2	Packaging data	
RMS rated power	4 W	Package width	780 mm
Built-in speaker(s) *	✓	Package depth	161 mm
Built-in camera *	✗	Package height	420 mm
Design		Package weight	8.87 kg
Market positioning *	Home	Packaging content	
Product colour *	Black	Stand included	✓
Ports & interfaces		Manual	✓
Built-in USB hub *	✓	Sustainability	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Doesn't contain	Mercury, PVC/BFR
Number of USB Type-C upstream ports quantity	1	Other features	
USB Type-A downstream ports quantity	2	Compatible operating systems	Mac OS X; Windows 11/10
USB Type-C DisplayPort Alternate Mode	✓	Exterior finish type	Textured
USB Power Delivery (USB PD)	✓	Monitor sync input signal	Separate Sync
USB Power Delivery up to	65 W	User controls	Power On/Off; Menu; Volume; SmartImage Game; Input
HDMI *	✓	Picture enhancement	SmartImage game
HDMI ports quantity	1	Regulatory Approvals	CB; CE Mark; ICES-003; TUV/ISO9241-307; TUV-BAUART; EAC; FCC; VCCI; Energy Star 8.0; EPA
		SoftBlue	✓
		EasyRead mode	✓
		LowBlue mode	✓
		Mean time between failures (MTBF)	50000 h
		Recycling data	
		Packaging recyclability rate	100%
		Technical details	
		Native refresh rate	60 Hz



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Catalog Object Cloud



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