

**Philips 1000 series 27E1N1900AE/00 LED display 68.6 cm (27")  
3840 x 2160 pixels 4K Ultra HD LCD Black**

**Brand :** Philips

**Product family:** 1000 series

**Product code:**  
27E1N1900AE/00

**Product name :**  
27E1N1900AE/00

Monitor 27E1N1900AE USB-C monitor

Philips 1000 series 27E1N1900AE/00 LED display 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LCD Black:

View all tasks with this monitor in 4K quality, which produces incredibly sharp imagery. In addition, this monitor's IPS panel and HDR-grade visuals, along with its Height Adjustable Stand (HAS), make for a great monitor for any task.

Philips 1000 series 27E1N1900AE/00. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra 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		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 *	LCD	Height adjustment *	✓
Panel type *	IPS	Height adjustment	10 cm
LED backlight	✓	Tilt adjustment	✓
Backlight type	W-LED	Tilt angle range	-5 - 20°
Touchscreen *	✗	On Screen Display (OSD)	✓
Display brightness (typical)	350 cd/m <sup>2</sup>	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
Response time *	4 ms	Number of OSD languages	21
Anti-glare screen	✓	Plug and Play	✓
Screen shape *	Flat	LED indicators	Operation, Stand-by
Contrast ratio (typical) *	1000:1		
Dynamic contrast ratio marketing name	Mega Infinity DCR		
Maximum refresh rate *	60 Hz		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Display number of colours *	1.07 billion colours		
Pixel pitch	0.1554 x 0.1554 mm		
Pixel density	163.18 ppi		
Horizontal scan range	30 - 140 kHz		
Vertical scan range	40 - 60 Hz		
Viewable size, horizontal	59.8 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.6 cm		
High Dynamic Range (HDR) supported	✓		
		Power	
		Energy efficiency class (SDR) *	F
		Power consumption (typical) *	26.97 W
		Power consumption (standby) *	0.5 W
		Power consumption (off)	0.3 W
		AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
		Power supply type	Internal
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Storage temperature (T-T)	-20 - 60 °C

<b>Display</b>		<b>Operational conditions</b>	
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)	Operating relative humidity (H-H)	20 - 80%
DDC/CI	✓	Operating altitude	0 - 3658 m
Haze rate	25%	Non-operating altitude	3658 - 12192 m
Surface hardness	3H	<b>Weight &amp; dimensions</b>	
Colour depth	8 bit	Width (with stand)	613 mm
Display sRGB	✓	Depth (with stand)	220 mm
<b>Performance</b>		Height (with stand)	492 mm
Fast charging	✓	Weight (with stand)	5.97 kg
Fast charging technology	Power Delivery 3.0	Width (without stand)	613 mm
Component video sync	Separate sync	Depth (without stand)	54 mm
Flicker-free technology	✓	Height (without stand)	365 mm
Low Blue Light technology	✓	Weight (without stand)	4.2 kg
<b>Multimedia</b>		<b>Packaging data</b>	
Number of speakers	2	Package width	780 mm
RMS rated power	4 W	Package depth	160 mm
Built-in speaker(s) *	✓	Package height	447 mm
Built-in camera *	✗	Package weight	8.68 kg
<b>Design</b>		<b>Packaging content</b>	
Market positioning *	Home	Stand included	✓
Product colour *	Black	Cables included	AC, HDMI, USB Type-C to USB Type-C
<b>Ports &amp; interfaces</b>		Manual	✓
Built-in USB hub *	✓	<b>Sustainability</b>	
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Doesn't contain	Lead, Mercury
USB upstream port type	USB Type-C	<b>Other features</b>	
Number of USB Type-C upstream ports quantity	1	Compatible operating systems	Mac OS X Windows 11 / 10
USB Type-A downstream ports quantity	2	Exterior finish type	Textured
HDMI *	✓	Picture enhancement	SmartImage
HDMI ports quantity	2	Recyclable packaging material	100%
HDMI version	2.0	Regulatory Approvals	CB, CE mark, TUV/ISO9241-307, TUV-BAUART, EAC, EEC RoHS, VCCI, UKCA, EMP, FCC, ICES-003
Audio output	✓	Heavy metals free	Hg (mercury), Pb (lead)
HDCP	✓	Delta E	2
HDCP version	1.4/2.2	Adaptive synchronisation	✓
		EasyRead mode	✓
		LowBlue mode	✓
		Philips SmartUniformity	93 - 105%
		Compliance certificates	RoHS
		Mean time between failures (MTBF)	50000 h



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