

Philips 1000 series 27E1N1800AE/00 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED Black

Brand : Philips

Product family: 1000 series

Product code:
27E1N1800AE/00

Product name :
27E1N1800AE/00

- 68.6 cm (27") 4K Ultra HD 3840 × 2160, IPS, HDR
 - 4 ms, 16:9, 350 cd/m², 1000:1
 - HDMI, DisplayPort, Adaptive-Sync
 - LowBlue Mode, Flicker-Free
 - Height-adjustable stand, Built-in speakers
- Monitor 27E1N1800AE 4K UHD monitor

Philips 1000 series 27E1N1800AE/00 computer monitor 68.6 cm (27") 3840 x 2160 pixels 4K Ultra HD LED 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 27E1N1800AE/00. Display diagonal: 68.6 cm (27"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Cable lock slot *	✓
Display resolution *	3840 x 2160 pixels	Cable lock slot type	Kensington
HD type *	4K Ultra HD	Height adjustment *	✓
Native aspect ratio *	16:9	Adjustable height (max)	10 cm
Display technology *	LED	Tilt adjustment	✓
Panel type *	IPS	Tilt angle range	-5 - 20°
LED backlight	✓	On Screen Display (OSD)	✓
Backlight type	W-LED	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
Touchscreen *	✗		
Display brightness (typical)	350 cd/m²		
Response time *	4 ms	Number of OSD languages	21
Response time measurement type	GTG (Gray to Gray)	Power	
Anti-glare screen	✓	Energy efficiency class (SDR) *	F
Screen shape *	Flat	Energy efficiency class (HDR) *	G
Contrast ratio (typical) *	1000:1	Energy consumption (SDR) per 1000 hours *	26 kWh
Dynamic contrast ratio marketing name	Mega Infinity DCR	Energy consumption (HDR) per 1000 hours *	37 kWh
Maximum refresh rate *	60 Hz	Power consumption (typical) *	27.24 W
Viewing angle, horizontal	178°	Power consumption (standby) *	0.5 W
Viewing angle, vertical	178°	Power consumption (off)	0.3 W
Display number of colours *	1.07 billion colours	AC input voltage	100 - 240 V
Pixel pitch	0.1554 x 0.1554 mm	AC input frequency	50/60 Hz
Pixel density	163.18 ppi	Power supply type	Internal
Horizontal scan range	30 - 140 kHz	Energy efficiency scale	A to G
Vertical scan range	40 - 60 Hz	Operational conditions	
Viewable size, horizontal	59.8 cm	Operating temperature (T-T)	0 - 40 °C
Viewable size, vertical	33.6 cm	Storage temperature (T-T)	-20 - 60 °C
Display diagonal (metric)	68.6 cm		
High Dynamic Range (HDR) supported	✓		
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)		

Display		Operational conditions	
DDC/CI	✓	Operating relative humidity (H-H)	20 - 80%
Haze rate	25%	Operating altitude	0 - 3658 m
Surface hardness	3H	Non-operating altitude	0 - 12192 m
Colour gamut standard	sRGB, NTSC, DCI-P3, Adobe RGB	Weight & dimensions	
sRGB coverage (typical)	128.7%	Width (with stand)	613 mm
Adobe RGB coverage	91.4%	Depth (with stand)	220 mm
DCI-P3 coverage	96.2%	Height (with stand)	492 mm
Display sRGB	✓	Weight (with stand)	5.69 kg
Display panel size	27 inch/68.6 cm	Width (without stand)	613 mm
Performance		Depth (without stand)	54 mm
AMD FreeSync *	✗	Height (without stand)	365 mm
VESA Adaptive Sync support	✓	Weight (without stand)	3.92 kg
Component video sync	Separate Sync	Packaging data	
Flicker-free technology	✓	Package width	780 mm
Low Blue Light technology	✓	Package depth	160 mm
Multimedia		Package height	447 mm
Number of speakers	2	Package weight	8.4 kg
RMS rated power	4 W	Packaging content	
Built-in speaker(s) *	✓	Stand included	✓
Built-in camera *	✗	Cables included	AC, HDMI
Design		Manual	✓
Product colour *	Black	Sustainability	
Ports & interfaces		Doesn't contain	Mercury, PVC/BFR
Built-in USB hub *	✗	Other features	
HDMI *	✓	Compatible operating systems	Mac OS X; Windows 11/10
HDMI ports quantity	2	Exterior finish type	Textured
HDMI version	2.0	Monitor sync input signal	Separate Sync
DisplayPorts quantity	1	User controls	Power On/Off; Menu; Volume; Input; SmartImage
DisplayPort version	1.4	Picture enhancement	SmartImage
Audio output	✓	Regulatory Approvals	CB; CE Mark; ICES-003;
Headphone out *	✓		TUV/ISO9241-307; TUV-BAUART;
Headphone outputs	1	Delta E	ETL; CEC; EAC; UKCA; MEPS; VCCI;
HDCP	✓		EMF; FCC
HDCP version	2.2	Adaptive synchronisation	2
Ergonomics		EasyRead mode	✓
VESA mounting *	✓	LowBlue mode	✓
Panel mounting interface	100 x 100 mm	Philips SmartUniformity	93 - 105%
		Compliance certificates	EAC, TÜV mark, EMF, UKCA, Federal Communications Commission (FCC), RoHS, CB, CE, ICES
		Mean time between failures (MTBF)	50000 h
		Recycling data	
		Packaging recyclability rate	100%



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