

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

Monitor 27E1N1800AE 4K UHD monitor

Group	Flat Screens
Manufacturer	Philips
Manufacturer item no.	27E1N1800AE/00
EAN/UPC	8712581805777



Description

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.

Main features

	General
Display diagonal	68.6 cm
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)	Yes
VESA mounting	Yes
Height adjustment	Yes
Product colour	Black

Extended details

	Display
Display diagonal	68.6 cm
Display resolution	3840 x 2160 pixels
Native aspect ratio	16:9
Display technology	LED
Touchscreen	No
HD type	4K Ultra HD

Panel type	IPS
LED backlight	Yes
Backlight type	W-LED
Display brightness (typical)	350 cd/m ²
Response time	4 ms
Response time measurement type	GTG (Gray to Gray)
Screen shape	Flat
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	0.155 x 0.155 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
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10)
DDC/CI	Yes
Performance	
AMD FreeSync	No
VESA Adaptive Sync support	Yes
Component video sync	Separate sync
Low Blue Light technology	Yes
Ports & interfaces	
Built-in USB hub	No
HDMI	Yes
HDMI ports quantity	2
HDMI version	2.0
DisplayPorts quantity	1
DisplayPort version	1.4
Headphone out	Yes

Headphone outputs	1
HDCP	Yes
HDCP version	1.4/2.2
Design	
Product colour	Black
Multimedia	
Built-in speaker(s)	Yes
Number of speakers	2
RMS rated power	4 W
Built-in camera	No
Ergonomics	
VESA mounting	Yes
Panel mounting interface	100 x 100 mm
Cable lock slot	Yes
Cable lock slot type	Kensington
Height adjustment	Yes
Adjustable height (max)	10 cm
Tilt adjustment	Yes
Tilt angle range	-5 - 20 °
On Screen Display (OSD)	Yes
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
Number of OSD languages	21
Packaging content	
Stand included	Yes
Cables included	AC, HDMI
Manual	Yes
Weight & dimensions	
Width (with stand)	613 mm
Depth (with stand)	220 mm
Height (with stand)	492 mm
Weight (with stand)	5.69 kg
Width (without stand)	613 mm
Depth (without stand)	54 mm
Height (without stand)	365 mm
Weight (without stand)	3.92 kg
Packaging data	
Package width	780 mm

Package depth	160 mm
Package height	447 mm
Package weight	8.4 kg
Power	
Energy efficiency class (SDR)	F
Energy efficiency class (HDR)	G
Energy consumption (SDR) per 1000 hours	26 kWh
Energy consumption (HDR) per 1000 hours	37 kWh
Power consumption (typical)	27.24 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
Energy efficiency scale	A to G
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 60 °C
Sustainability	
Doesn't contain	Mercury, PVC/BFR
Other features	
Compliance certificates	EAC, TÜV mark, EMF, UKCA, Federal Communications Commission (FCC), RoHS, CB, CE, ICES
Adaptive synchronisation	Yes