

PHILIPS

Philips 5000 series 27E1N5600AE/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black



Brand : Philips

Product family: 5000 series

Product code:
27E1N5600AE/00

Product name :
27E1N5600AE/00

Monitor 27E1N5600AE USB-C monitor

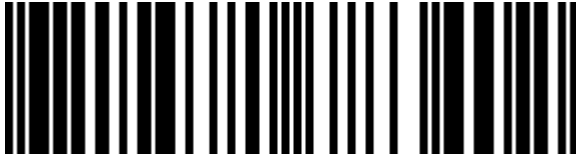
Philips 5000 series 27E1N5600AE/00 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black:

This Philips USB-C multipurpose monitor offers clutter-free setup. With a single cable you can view smooth high-resolution video, transfer data, and charge your laptop. A true hub for mobile professionals. Philips 5000 series 27E1N5600AE/00. Display diagonal: 68.6 cm (27"), Display resolution: 2560 x 1440 pixels, HD type: Quad HD, Display technology: LCD, 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: 3.2 Gen 1 (3.1 Gen 1). VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	68.6 cm (27")	Cable lock slot type	Kensington
Display resolution *	2560 x 1440 pixels	Height adjustment *	✓
HD type *	Quad HD	Height adjustment	13 cm
Native aspect ratio *	16:9	Pivot	✓
Display technology *	LCD	Pivot angle	-90 - 90°
Panel type *	IPS	Tilt angle range	-5 - 20°
Backlight type	W-LED	On Screen Display (OSD)	✓
Touchscreen *	✗	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
Display brightness (typical)	300 cd/m ²	Number of OSD languages	21
Response time *	4 ms	Plug and Play	✓
Display surface	Matt	LED indicators	Operation, Stand-by
Anti-glare screen	✓	Power	
Screen shape *	Flat	Energy efficiency class (SDR) *	F
Aspect ratio	16:9	Energy efficiency class (HDR) *	Not available
Contrast ratio (typical) *	1000:1	Energy consumption (SDR) per 1000 hours *	26 kWh
Dynamic contrast ratio marketing name	Mega Infinity DCR	Power consumption (typical) *	29.1 W
Maximum refresh rate *	75 Hz	Power consumption (standby) *	0.5 W
Viewing angle, horizontal	178°	Power consumption (off)	0.3 W
Viewing angle, vertical	178°	AC input voltage	100 - 240 V
Display number of colours *	16.7 million colours	AC input frequency	50 - 60 Hz
Response time (fast)	1 ms	Power supply type	Internal
Pixel pitch	0.2331 x 0.2331 mm	Energy efficiency scale	A to G
Pixel density	108.79 ppi	European Product Registry for Energy Labelling (EPREL) code	1101002
Horizontal scan range	30 - 114 kHz	Operational conditions	
Vertical scan range	48 - 75 Hz	Operating temperature (T-T)	0 - 40 °C
Viewable size, horizontal	59.7 cm		
Viewable size, vertical	33.6 cm		
Display diagonal (metric)	68.6 cm		
DDC/CI	✓		
Haze rate	25%		

Display		Operational conditions	
Surface hardness	3H	Storage temperature (T-T)	-20 - 60 °C
Colour gamut standard	sRGB	Operating relative humidity (H-H)	20 - 80%
sRGB coverage (typical)	114.18%	Operating altitude	0 - 3658 m
NTSC coverage (typical)	102.2%	Non-operating altitude	3658 - 12192 m
Display sRGB	✓	Weight & dimensions	
Performance		Width (with stand)	614 mm
NVIDIA G-SYNC *	✗	Depth (with stand)	212 mm
AMD FreeSync *	✗	Height (with stand)	510 mm
Fast charging	✓	Weight (with stand)	6.56 kg
Fast charging technology	Power Delivery	Width (without stand)	614 mm
VESA Adaptive Sync support	✓	Depth (without stand)	52 mm
Component video sync	Separate sync	Height (without stand)	365 mm
Flicker-free technology	✓	Weight (without stand)	4.7 kg
Low Blue Light technology	✓	Packaging data	
Multimedia		Package width	780 mm
Number of speakers	2	Package depth	186 mm
RMS rated power	6 W	Package height	525 mm
Built-in speaker(s) *	✓	Package weight	10.6 kg
Built-in camera *	✗	Packaging content	
Design		Stand included	✓
Market positioning *	Home	Cables included	HDMI, USB Type-C to USB Type-C, AC
Product colour *	Black	Manual	✓
Ports & interfaces		Sustainability	
Built-in USB hub *	✓	Sustainability compliance	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)	Doesn't contain	Mercury, PVC/BFR
USB upstream port type	USB Type-C	Other features	
Number of upstream ports	1	Compatible operating systems	Mac OS X Windows 10 / 8.1 / 8 / 7
Number of USB Type-C upstream ports quantity	1	USB Power Delivery revision	3.0
USB Type-A downstream ports quantity	4	Exterior finish type	Textured
USB Type-C DisplayPort Alternate Mode	✓	Picture enhancement	SmartImage game
USB Power Delivery (USB PD)	✓	Recyclable packaging material	100%
USB Power Delivery up to	65 W	Regulatory Approvals	CB; CE Mark; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; TUV/ISO9241-307; TUV-BAUART
HDMI *	✓	EasyRead mode	✓
HDMI ports quantity	1	LowBlue mode	✓
HDMI version	1.4	Energy efficiency class (old)	F
DisplayPorts quantity	1	Weight	4.7 kg
DisplayPort version	1.2	Height	365 mm
Audio output	✓	Width	614 mm
HDCP	✓	Depth	52 mm
HDCP version	1.4	Compliance certificates	RoHS
Ergonomics		Mean time between failures (MTBF)	50000 h
VESA mounting *	✓	Certification	CB, CE Mark, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, TUV/ISO9241-307, TUV-BAUART
Panel mounting interface	100 x 100 mm	Logistics data	
Cable lock slot *	✓	Harmonized System (HS) code	85285210



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