PHILIPS

Philips 5000 series 27E1N5600HE/75 computer monitor 68.6 cm (27") 2560 x 1440 pixels Quad HD LCD Black

Brand : Philips

Product family: 5000 series

Product code:
27E1N5600HE/75

Product name :
27E1N5600HE/75

5000 series LCD monitor with Windows Hello Webcam

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This Philips monitor is designed for the remote work environment. The integrated 5 MP webcam delivers sharp images, and the noise-cancelling mic helps people hear you loud and clear. The Windows Hello Webcam allows for quick access and strong security.
Philips 5000 series 27E1N5600HE/75. 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

Display diagonal *	68.6 cm (27")
Display resolution *	2560 x 1440 pixels
HD type *	Quad HD
Native aspect ratio *	16:9
Display technology *	LCD
Panel type *	IPS
Backlight type	W-LED
Touchscreen *	✘
Display brightness (typical)	300 cd/m²
Response time	4 ms
Anti-glare screen	✔
Screen shape *	Flat
Supported graphics resolutions	2560 x 1440
Contrast ratio (typical) *	1000:1
Contrast ratio (dynamic)	80000000:1
Dynamic contrast ratio marketing name	Mega Infinity DCR
Maximum refresh rate *	75 Hz
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Display number of colours *	16.7 million colours
Response time (fast)	1 ms
Pixel pitch	0.2331 x 0.2331 mm
Pixel density	108.79 ppi
Horizontal scan range	30 - 114 kHz
Vertical scan range	48 - 75 Hz
Viewable size, horizontal	59.7 cm
Viewable size, vertical	33.6 cm
Display diagonal (metric)	68.6 cm
DDC/CI	✔

Ports & interfaces

HDMI version	1.4
DisplayPorts quantity	1
DisplayPort version	1.2
Audio output	✔
HDCP	✔
HDCP version	1.4
AC (power) in	✔

Ergonomics

VESA mounting *	✔
Panel mounting interface	100 x 100 mm
Cable lock slot *	✔
Cable lock slot type	Kensington
Height adjustment *	✔
Height adjustment	13 cm
Pivot	✔
Pivot angle	-90 - 90°
Tilt angle range	-5 - 20°
On Screen Display (OSD)	✔
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
LED indicators	Operation, Stand-by
Tilt adjustment	✔

Power

Energy efficiency class (SDR) *	G
Energy consumption (SDR) per 1000 hours *	32 kWh

Display

Haze rate	25%
Surface hardness	3H
sRGB coverage (typical)	114.18%
NTSC coverage (typical)	102.02%
Display sRGB	✓

Performance

NVIDIA G-SYNC *	✗
AMD FreeSync *	✗
Fast charging	✓
VESA Adaptive Sync support	✓
Component video sync	Separate sync
Flicker-free technology	✓
Low Blue Light technology	✓
Game mode	✓

Multimedia

Built-in speaker(s) *	✓
Built-in camera *	✓
Number of speakers	2
RMS rated power	10 W
Megapixel (approx.)	5 MP
Built-in microphone	✓

Design

Market positioning *	Home
Product colour *	Black
Frameless design	✓

Ports & interfaces

Built-in USB hub *	✓
USB hub version	3.2 Gen 1 (3.1 Gen 1)
USB upstream port type	USB Type-C
Number of upstream ports	1
Number of USB Type-C upstream ports quantity	1
USB Type-A downstream ports quantity	4
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓
USB Power Delivery up to	65 W
HDMI *	✓
HDMI ports quantity	1

Power

Power consumption (typical) *	29.6 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
Operating relative humidity (H-H)	20 - 80%
Operating altitude	0 - 3658 m
Non-operating altitude	0 - 12192 m

Packaging content

Stand included	✓
Cables included	HDMI, USB Type-C, AC
Manual	✓

Weight & dimensions

Width (with stand)	614 mm
Depth (with stand)	212 mm
Height (with stand)	524 mm
Weight (with stand)	6.57 kg
Width (without stand)	614 mm
Depth (without stand)	52 mm
Height (without stand)	379 mm
Weight (without stand)	4.7 kg

Packaging data

Package width	780 mm
Package depth	186 mm
Package height	525 mm
Package weight	10.7 kg

Sustainability

Sustainability certificates	RoHS
Doesn't contain	Mercury, PVC/BFR

Other features

Exterior finish type	Textured
Picture enhancement	SmartImage game
Recyclable packaging material	100%
Regulatory Approvals	CB; CE Mark; CU-EAC; EAEU RoHS; FCC Class B; ICES-003; TUV/ISO9241-307; TUV-BAUART
EasyRead mode	✓
LowBlue mode	✓
Mean time between failures (MTBF)	50000 h

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