

Philips 27E1N5600HE(27E1N5600HE/00)

Philips 27E1N5600HE - 5000 Series - LED monitor - 27" - 2560 x 1440 QHD @ 75 Hz - IPS - 300 cd/m² - 1000:1 - 1 ms - HDMI, DisplayPort, USB-C - speakers - textured black



This Philips monitor is designed for the remote work environment. The integrated 5MP webcam delivers sharp images, and the noise-canceling mic helps people hear you loud and clear.

Key Selling Points

- Connect your notebook with one USB-C cable
- IPS LED wide view technology for image and color accuracy
- Crystal-clear images with Quad HD 2560 x 1440 pixels
- Webcam with noise-canceling microphone for collaboration
- Built-in stereo speakers for multimedia
- LowBlue Mode and Flicker-free easy on the eyes viewing
- Tilt, pivot and adjust the height for an ideal viewing position
- EasySelect menu toggle key for quick on-screen menu access
- Cable management reduces cable clutter for a neat workspace

Product Features

Connect your notebook with one USB-C cable

This Philips display features a USB Type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB Type-C allows for easy, one-cable connection. You can watch high-resolution video and transfer data at super speed, while powering up and recharging your compatible device at the same time.

IPS LED wide view technology for image and color accuracy

IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colors, making them ideal not only for photos, movies and web browsing, but also for professional applications that demand color accuracy and consistent brightness at all times.

Crystal-clear images with Quad HD 2560 x 1440 pixels

These Philips screens deliver crystal-clear, Quad HD 2560 x 1440 images. Utilizing high-performance panels with a high-density pixel count, enabled by high bandwidth sources like USB Type-C, DisplayPort and HDMI, these displays will make your images and graphics come alive. Whether you are a demanding professional who requires extremely detailed information for CAD-CAM solutions and uses 3D graphic applications, or a financial wizard working on huge spreadsheets, Philips displays will give you crystal-clear images.

Webcam with noise-canceling microphone for collaboration

This Philips monitor comes with a built-in 5MP webcam, a noise-canceling microphone, and speakers, making it perfect for working from home and collaborating remotely. The physical camera switch offers extra privacy when not in use. The noise-canceling microphone and dual integrated speakers deliver clear communications.

Built-in stereo speakers for multimedia

A pair of high-quality stereo speakers built into a display device.

LowBlue Mode and Flicker-free easy on the eyes viewing

LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

Tilt, pivot and adjust the height for an ideal viewing position

The compact Ergo Base is a people-friendly Philips monitor base that tilts, pivot and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

EasySelect menu toggle key for quick on-screen menu access

The discreetly placed EasySelect menu toggle key allows you to make quick and easy adjustments to monitor settings in the on-screen display menu.

Cable management reduces cable clutter for a neat workspace

Cable management is an intimate design that maintains a tidy workspace by organizing the cables and wires required for the operation of a display device.

Main Specifications

Product Description	Philips 27E1N5600HE - 5000 Series - LED monitor - QHD - 27"
Device Type	LED-backlit LCD monitor - 27"
Energy Class	Class G
Features	USB Hub, 5.0 megapixel camera, USB PD 65 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2331 mm
Brightness	300 cd/m ²
Contrast Ratio	1000:1
Response Time	4 ms (grey-to-grey), 1 ms (MPRT)
Colour Support	16.7 million colours
Colour Gamut	102.2% NTSC (CIE 1976), 114.18% sRGB (CIE 1931)
Input Connectors	HDMI, DisplayPort, USB-C
Display Position Adjustments	Height, pivot (rotation), tilt
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Voltage	AC 100-240 V (50/60 Hz)
Colour	Textured black
Dimensions (WxDxH) - with stand	61.4 cm x 21.2 cm x 52.4 cm
Weight	6.57 kg
Compliant Standards	Plug and Play, FCC Class B certified, ICES-003, CB, DDC/CI, RoHS, ISO 9241-307, TUV Bauart, CU-EAC, BFR-free, PVC-free, Mercury-free, EAEU RoHS
Manufacturer Warranty	3-year warranty

Extended Specification

General

Display Type	LED-backlit LCD monitor / TFT active matrix
Energy Class	Class G
Diagonal Size	27"
Built-in Devices	USB Hub, 5.0 megapixel camera
USB Power Delivery	65 Watt
Panel Type	IPS
Aspect Ratio	16:9
Native Resolution	QHD 2560 x 1440 at 75 Hz
Pixel Pitch	0.2331 mm
Pixel Per Inch	108.79
Brightness	300 cd/m ²
Contrast Ratio	1000:1
Colour Support	16.7 million colours
Colour Gamut	102.2% NTSC (CIE 1976), 114.18% sRGB (CIE 1931)
Response Time	4 ms (grey-to-grey), 1 ms (MPRT)
Vertical Refresh Rate	48 - 75 Hz

Horizontal Refresh Rate	30 - 85 kHz
Horizontal Viewing Angle	178
Vertical Viewing Angle	178
Screen Coating	Anti-glare, 3H Hard Coating, Haze 25%
Backlight Technology	WLED
OSD Languages	Hungarian, Czech, Chinese (traditional), Chinese (simplified), Ukrainian, Brazilian Portuguese, English, German, French, Italian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Japanese, Korean
Features	Compact Ergo Base, SmartContrast, game mode, Smart Frame, FPS Mode, SmartImage Game, Mega Infinity Dynamic Contrast Ratio, Low Blue Light Mode, Flicker Free technology, RTS Mode, Adaptive-Sync technology, EasySelect Menu Toggle Key, EasyRead, sRGB Mode, Racing Mode
Colour	Textured black
Dimensions (WxDxH)	61.4 cm x 21.2 cm x 52.4 cm - with stand
Weight	6.57 kg

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
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Miscellaneous

Features	Security lock slot (cable lock sold separately)
Cables Included	1 x HDMI cable † 1 x USB-C to USB-C / USB-A cable
MTBF	50,000 hour(s)
Compliant Standards	Plug and Play, FCC Class B certified, ICES-003, CB, DDC/CI, RoHS, ISO 9241-307, TUV Bauart, CU-EAC, BFR-free, PVC-free, Mercury-free, EAEU RoHS
Security Slot Type	Kensington security slot

Power

Input Voltage	AC 100-240 V (50/60 Hz)
Power Consumption SDR (On mode)	32 kWh/1000h
Power Consumption (Typical)	29.6 Watt
Power Consumption Stand by	0.5 Watt
Power Consumption (Off Mode)	0.3 Watt

Software / System Requirements

Included Software	Philips SmartControl
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	20 - 80%

Audio

Type	Speakers - stereo
Output Power / Channel	5 Watt

Connectivity

Interfaces	HDMI † DisplayPort 1.2 † USB-C 3.2 Gen 1 upstream/DisplayPort Alt Mode with Power Delivery (power up to 65W) † 3 x USB-C 3.2 downstream † USB-C 3.2 downstream (fast charging) † Audio line-out
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Dimensions & Weight

Dimensions & Weight Details	With stand (highest position) - width: 61.4 cm - depth: 21.2 cm - height: 52.4 cm - weight: 6.57 kg Without stand - width: 61.4 cm - depth: 5.2 cm - height: 37.9 cm - weight: 4.7 kg
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Dimensions & Weight (Shipping)

Shipping Width	78 cm
Shipping Depth	18.6 cm
Shipping Height	52.5 cm
Shipping Weight	10.65 kg

Mechanical

Display Position Adjustments	Height, pivot (rotation), tilt
Tilt Angle	-5/+20
Rotation Angle	180
Height Adjustment	130 mm
VESA Mounting Interface	100 x 100 mm

*TD SYNEX is not responsible for errors in the documentation of products.