

# PHILIPS

USB-C monitor

Monitor

1000 series

27" (68.6 cm)

3840 x 2160 (4K UHD)

27E1N1900AE



## Better your productivity with USB-C connectivity

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.

### Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- EasyRead mode for a paper-like reading experience
- LowBlue mode and Flicker-free easy-on-the eyes viewing

### Easy to experience

- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
- Connect your notebook with one USB-C cable

### Easy to experience

- VESA mount for convenience

### Easy to experience

- Height-adjustable for better ergonomic comfort

### Superb Picture Quality

- IPS LED wide view technology for image and color accuracy

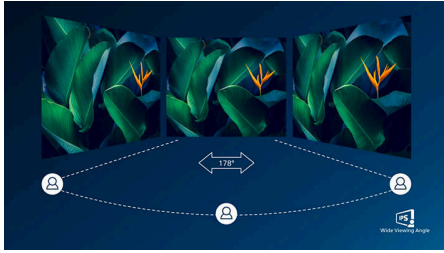
# Monitor

USB-C monitor

27E1N1900AE/70

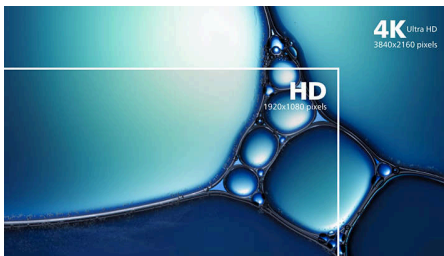
## Highlights

### IPS technology



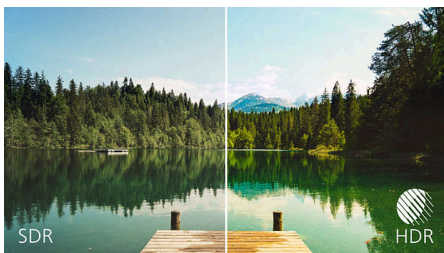
IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and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

### UltraClear 4K UHD Resolution



These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

### High Dynamic Range (HDR)



High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and

captivating color, images come to life with much greater brightness while also featuring much deeper, more nuanced darks. It renders a fuller palette of rich new colors never before seen on display, giving you a visual experience that engages your senses and inspires emotions.

### Adaptive-Sync technology



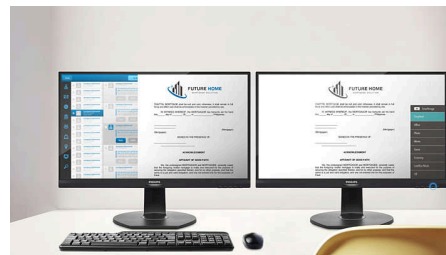
Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

### LowBlue Mode & Flicker-free



Our 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.

### EasyRead mode



EasyRead mode for a paper-like reading experience

### EasySelect Menu Toggle Key



The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

### HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

### Built-in stereo speakers



A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.



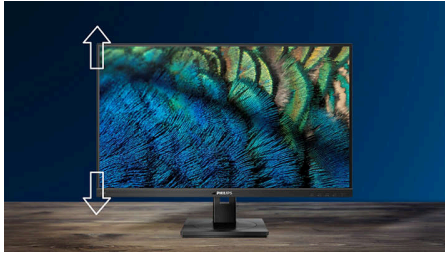
# Monitor

USB-C monitor

27E1N1900AE/70

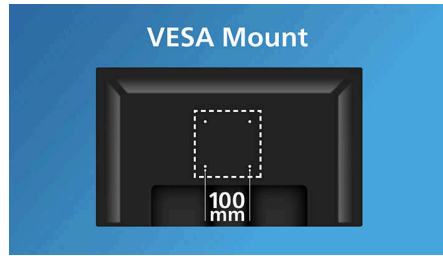
## Highlights

### Height-adjustable Ergo Base



The height-adjustable Ergo Base is a 'people friendly' Philips monitor base that not only tilts, but is also height adjustable, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.

### VESA mount for convenience



VESA mount for convenience

### USB-C connection



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-C allows for easy, one-cable connection. You can watch high resolution video and transfer data at a super-speed, while powering up and re-charging your compatible device at the same time.



Built-in Speaker

# Specifications

## Picture/Display

**Panel Size:** 27 inch / 68.6 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** IPS technology  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.1554x0.1554mm  
**Brightness:** 350 cd/m<sup>2</sup>  
**Display colors:** 1.07B (8bit+Hi-FRC)  
**Color gamut (typical):** Adobe RGB 91.4%; DCI-P3:96.2%, sRGB: 128.7%, NTSC 109.0%\*  
**Contrast ratio (typical):** 1000:1  
**SmartContrast:** Mega Infinity DCR  
**Response time (typical):** 4 ms (Gray to Gray)\*  
**Viewing angle:** 178° (H) / 178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage  
**Maximum resolution:** 3840x2160 @ 60 Hz  
**Effective viewing area:** 597.888 (H) x 336.312 (V)  
**Scanning Frequency:** 30k - 140kHz (H) / 40 - 60 Hz (V)  
**sRGB**  
**Delta E:** < 2  
**Flicker-free**  
**Pixel Density:** 163.18 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 93% and 105%  
**EasyRead**  
**Adaptive sync**  
**HDR:** HDR 10 supported

## Connectivity

**Signal Input:** HDMI 2.0 x 2, USB-C 3.2 Gen 1 x 1 (DP Alt mode, Power Delivery up to 65W)  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio out  
**USB::** USB 3.2 x 2 (with 1 fast charge)  
**HDCP:** HDCP 1.4 (HDMI / USB-C), HDCP 2.2 (HDMI / USB-C)

## USB

**Power delivery:** USB PD version 3.0  
**Super speed:** Data and Video transfer  
**DP:** Built-in Display Port Alt mode  
**USB-C max. power delivery:** Up to 65W (5V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A)  
**USB-C:** Reversible plug connector

## Convenience

**Built-in Speakers:** 2 W x 2  
**Plug & Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 11 / 10

**User convenience:** Power On/Off, Menu, Volume, Input, SmartImage  
**OSD Languages:** Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian  
**Other convenience:** Kensington lock, VESA mount (100x100mm)

## Stand

**Height adjustment:** 100 mm  
**Tilt:** -5/20 degree

## Power

**Power supply:** Internal, 100-240VAC, 50-60Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 26.97 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode- White (blinking)

## Dimensions

**Packaging in mm (WxHxD):** 780 x 447 x 160 mm  
**Product without stand (mm):** 613 x 365 x 54 mm  
**Product with stand(max height):** 613 x 492 x 220 mm

## Weight

**Product with packaging (kg):** 8.68 kg  
**Product with stand (kg):** 5.97 kg  
**Product without stand (kg):** 4.2 kg

## Operating conditions

**Altitude:** Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)  
**Temperature range (operation):** 0 to 40 °C  
**MTBF:** 50,000 hrs (excluding backlight) hour(s)  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20 to 60 °C

## Sustainability

**Environmental and energy:** RoHS  
**Recyclable packaging material:** 100 %  
**Specific Substances:** Mercury free, Lead-free

## Compliance and standards

**Regulatory Approvals:** CB, CE Mark, TUV/ISO9241-307, TUV-BAUART, EAC, EAEU RoHS, VCCI, UKCA, EMF, FCC, ICES-003

## Cabinet

**Color:** Black  
**Finish:** Textured



\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
 \* The maximum resolution works for HDMI input only.  
 \* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.  
 \* Response time value equal to SmartResponse  
 \* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.  
 \* Adobe RGB and DCI-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.  
 \* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.  
 \* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode  
 \* The monitor may look different from feature images.  
 \* The products and accessories listed on this leaflet may differ by country and region