

Philips Monitor
USB-C monitor

5000 series
27" (68.6 cm)
2560 x 1440 (QHD)

27E1N5600E



Simplify your connections with USB-C

This Philips USB-C monitor offers clutter-free setup. With a single cable you can view video, and charge your laptop. Elegant ergonomic base provides excellent cable management. Elevate your viewing experience for work and play.

Single cable USB-C connection

- Magnify screen and recharge a device by one cable

Superb Picture Quality

- IPS LED wide view technology for image and color accuracy
- Crystalclear images with Quad HD 2560 x 1440 pixels
- 1ms (MPRT) fast response for crisp image and smooth gameplay
- SmartImage game mode optimized for gamers
- SmartContrast for rich black details

Features designed for you

- LowBlue mode and Flicker-free easy-on-the eyes viewing
- Tilt, pivot and height-adjust for an ideal viewing position
- EasyRead mode for a paper-like reading experience
- Cable management reduces cable clutter for neat workspace
- EasySelect menu toggle key for quick on-screen menu access

PHILIPS

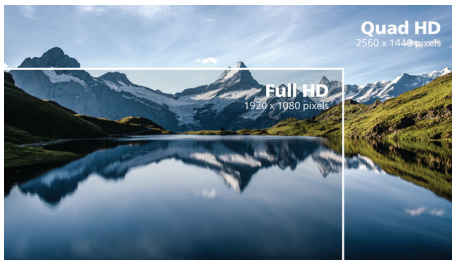
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Highlights

USB-C connectivity

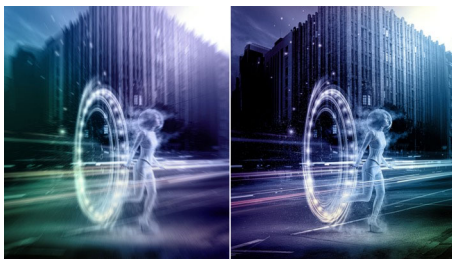
This Philips monitor features a built-in USB-C connector which meets USB Power Delivery standard. With intelligent and flexible power management, you can power charge your compatible device directly from the monitor using a single USB-C cable. Its slim, reversible USB-C allows for easy connection, you can watch high resolution video from your laptop.

Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

1ms MPRT fast response



MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips

gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers sharper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

SmartImage Game mode



The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

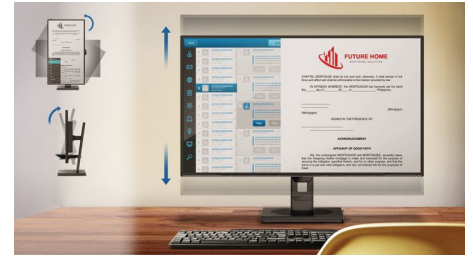
LowBlue Mode & Flicker-free



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.

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Compact Ergo Base



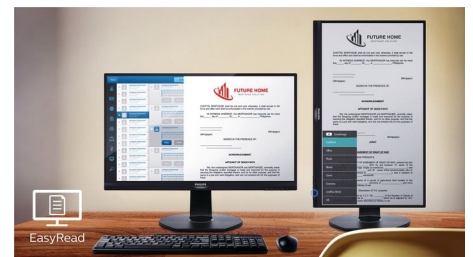
The Compact Ergo Base is a people-friendly Philips monitor base that tilts, pivot and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

Cable management



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

EasyRead mode



EasyRead mode for a paper-like reading experience



USB-C



Wide Viewing Angle



Quad HD



Fast Response
1ms MPRT



SmartImage™
Game



LowBlue Mode



Flicker-free



EasyRead



Compact Ergo
Base



EasySelect

Specifications

Picture/Display

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 596.736 (H) x 335.664 (V)
- Aspect ratio: 16:9
- Maximum resolution: 2560 x 1440 @ 75 Hz*
- Pixel Density: 108.79 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- MPRT: 1 ms
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 80,000,000:1
- Pixel pitch: 0.2331 x 0.2331 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Color gamut (typical): NTSC 102.02%*, sRGB 114.18%*
- Display colors: 16.7 M
- Scanning Frequency: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- LowBlue Mode
- EasyRead
- sRGB
- Adaptive sync

Connectivity

- Signal Input: HDMI 1.4 x 1, DisplayPort 1.2 x 1, USB-C 3.2 Gen 1 x 1 (upstream, Power Delivery up to 65W)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out

USB

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

Convenience

- User convenience: Power On/Off, Menu, Brightness, Input, SmartImage Game
- 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)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Height adjustment: 130 mm
- Pivot: +/- 90 degree
- Tilt: -5/20 degree

Power

- On mode: 30.2 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Internal, 100-240VAC, 50-60Hz

Dimensions

- Product with stand(max height): 614 x 510 x 212 mm
- Product without stand (mm): 614 x 365 x 52 mm
- Packaging in mm (WxHxD): 780 x 525 x 186 mm

Weight

- Product with stand (kg): 6.52 kg
- Product without stand (kg): 4.62 kg
- Product with packaging (kg): 10.60 kg

Operating conditions

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

Sustainability

- Environmental and energy: RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards

- Regulatory Approvals: CB, CE Mark, FCC Class B, ICES-003, PSE, VCCI

Cabinet

- Color: Black
- Finish: Textured



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Version: 1.0.1

12 NC: 8670 001 86632
UPC: 6 09585 25536 4

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- * "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
- * The maximum resolution works for either HDMI input or DP input.
- * 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 to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.
- * 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.
- * NTSC Area based on CIE1976
- * sRGB Area based on CIE1931
- * 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.