

# PHILIPS

USB-C monitor

Monitor

3000 series

27" (68.6 cm)

1920 x 1080 (Full HD)

27E1N3300A



## Simplify your connections with USB-C

This Philips USB-C multi-purpose 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.

### Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- Built-in stereo speakers for multimedia
- EasyRead mode for a paper-like reading experience
- Cable management reduces cable clutter for a neat workspace
- LowBlue mode and Flicker-free easy-on-the eyes viewing

### Single cable USB-C connection

- Connect your notebook with one USB-C cable

### Superb Picture Quality

- SmartContrast for rich black details
- IPS LED wide view technology for image and colour accuracy
- SmartImage game mode optimised for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- 1 ms (MPRT) fast response for crisp images and smooth gameplay

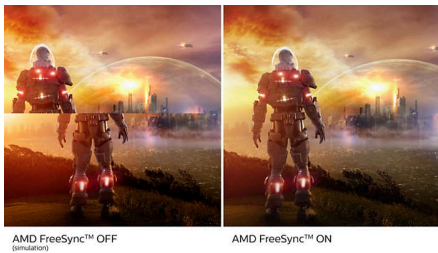
# Highlights

## USB-C connection



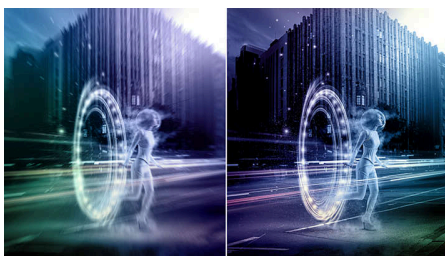
This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high-resolution video and transfer data at super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

## Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artefact-free performance at virtually any frame rate with AMD FreeSync™ technology, smooth, quick refresh and ultra-fast response time.

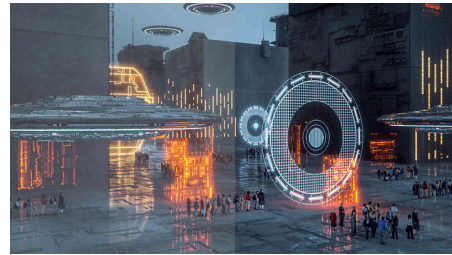
## 1 ms MPRT fast response



MPRT (motion picture response time) is a more intuitive way to describe response time, which directly refers to the duration between seeing

blurry noise and clean, crisp images. The Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur and delivers sharper and more precise visuals to enhance your gaming experience. The 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 the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.

## LowBlue Mode and Flicker-free



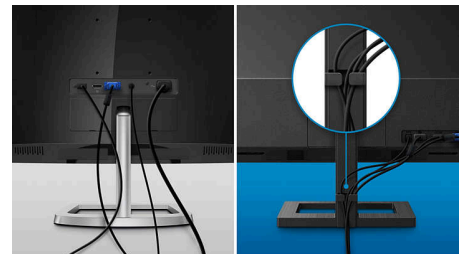
Our LowBlue Mode and Flicker-free technology have been developed to reduce eye strain and fatigue often caused by long hours in front of a monitor.

## Built-in stereo speakers



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

## Cable management



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

## EasyRead mode



EasyRead mode for a paper-like reading experience

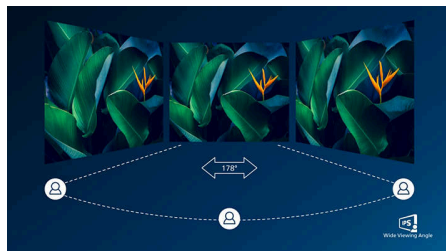
## Highlights

### 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.

### IPS technology



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 colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

### SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

# 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:** 0.3114 x 0.3114 mm  
**Brightness:** 300 cd/m<sup>2</sup>  
**Display colours:** 16.7 M  
**Colour gamut (typical):** NTSC 106.2%\*, sRGB 122.8%\*  
**Contrast ratio (typical):** 1000:1  
**SmartContrast:** Mega Infinity DCR  
**Response time (typical):** 4 ms (Grey to Grey)\*  
**Viewing angle:** 178° (H)/178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage game  
**Maximum resolution:** 1920 x 1080 @ 75 Hz\*  
**Effective viewing area:** 597.888 (H) x 336.312 (V)  
**Scanning Frequency:** 30–85 kHz (H) / 48–75 Hz (V)  
 sRGB  
 Flicker-free  
**Pixel Density:** 81.59 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**MPRT:** 1 ms  
**EasyRead**  
**AMD FreeSync™ technology**

## Connectivity

**Signal Input:** HDMI 1.4 x 1, USB-C 3.2 Gen 1 x 1 (upstream, Power Delivery up to 65 W)  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Audio out  
**USB:** USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)

## 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 65 W (5V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/3.25A)  
**USB-C:** Reversible plug connector

## Convenience

**Built-in Speakers:** 3 W x 2  
**Plug and Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7  
**User convenience:** Power On/Off, Menu, Volume, 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 (100 x 100 mm)

## Stand

**Tilt:** -5/20 degree

## Power

**Power supply:** Internal, 100–240 VAC, 50–60 Hz  
**Off mode:** 0.3 W (typ.)  
**On mode:** 25.1 W (typ.)  
**Standby mode:** 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** E

## Dimensions

**Packaging in mm (W x H x D):**  
 780 x 525 x 186 mm  
**Product without stand (mm):** 612 x 365 x 55 mm  
**Product with stand (max height):**  
 612 x 456 x 197 mm

## Weight

**Product with packaging (kg):** 10.14 kg  
**Product with stand (kg):** 6.06 kg  
**Product without stand (kg):** 4.20 kg

## Operating conditions

**Altitude:** Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)  
**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, PVC/BFR free housing

## Compliance and standards

**Regulatory Approvals:** CB, CE Mark, CU-EAC, EAEU RoHS, FCC Class B, ICES-003, TUV/ISO9241-307, TUV-BAUART

## Cabinet

**Colour:** Black  
**Finish:** Textured

## What's in the box?

**Cables:** HDMI cable, USB-C to USB-C cable, Power cable  
**Monitor with stand**  
**User Documentation**

- \* "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 adjusts the brightness for blur reduction, so the brightness cannot be adjusted while MPRT is turned on. To reduce motion blur, the LED backlight will strobe in time with the screen refresh rate, which may cause a noticeable change in brightness.
- \* MPRT is a gaming-optimised mode. Turning on MPRT may cause noticeable screen flickering. It is recommended to turn this mode off when you are not using the gaming function.
- \* NTSC Area based on CIE 1976
- \* sRGB Area based on CIE1931
- \* 2020 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, AMD FreeSync™ and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.
- \* 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.

