

# PHILIPS

LCD monitor with  
USB-C docking

Monitor

C Line

27" (68.47 cm)

3840 x 2160 (4K UHD)

279C9



## Concise design, complete in every detail

The Philips award-winning monitor gives crisp 4K and lifelike visuals with DisplayHDR 400 certified. Trimmed with all ports, one-cable USB-C and simple cable management design for a clean set-up. SmartErgo base for ergonomic adjustments.

### Superb Design

- Cable management reduces cable clutter for a neat workspace
- Zero Bezel for a full picture and modern look

### Single cable USB-C connection

- Connect your notebook with one USB-C cable
- Power and re-charge compatible notebook from the monitor

### Designed for comfortable productivity

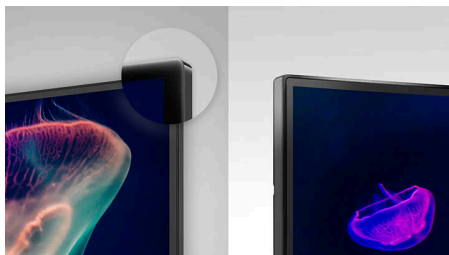
- SmartErgoBase enables user-friendly ergonomic adjustments
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity

### Superb Picture Quality

- IPS LED wide view technology for image and colour accuracy
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- DisplayHDR 400 for more lifelike and outstanding visuals

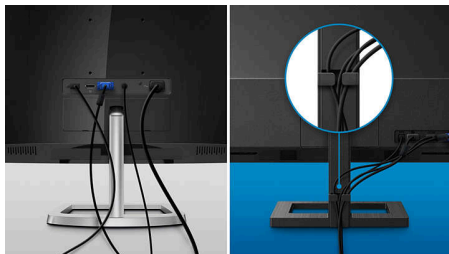
# Highlights

## Zero Bezel



Eliminating the surrounding frame in our Zero Bezel design offers an expansive picture with a modern look and a virtually seamless experience for multi-monitor setups.

## 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.

## USB-C connection



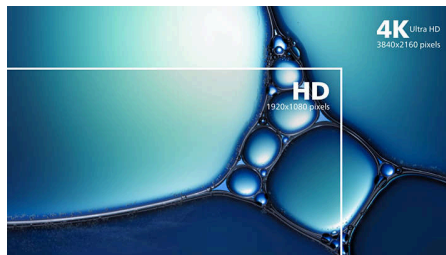
This Philips display features a USB type-C connector with power delivery. With intelligent and flexible power management, you can power charge your compatible device directly. Its slim, reversible USB-C allows for easy, one-cable connection. You can watch high-resolution video

and transfer data at super speed, while powering up and recharging your compatible device at the same time.

## Power and re-charge notebook

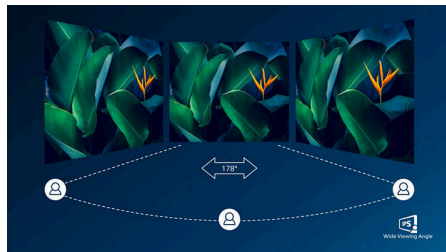
This monitor features a built-in USB-C connector that meets USB Power Delivery standard. With intelligent and flexible power management, you can now power up and/or re-charge your compatible\* Notebook directly from the Monitor using a single USB-C cable.

## UltraClear 4K UHD Resolution



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

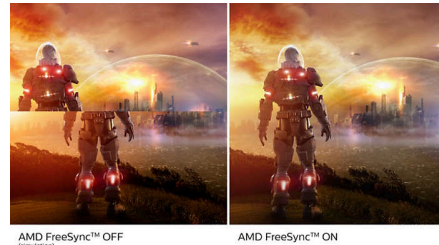
## IPS technology



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

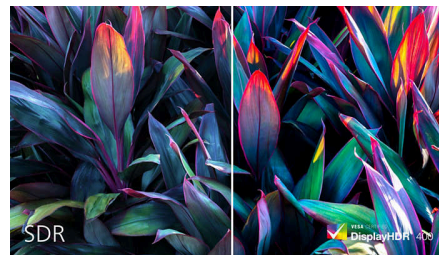
images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

## 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.

## DisplayHDR 400



VESA-certified DisplayHDR 400 delivers a significant step up from normal SDR displays. Unlike, other "HDR-compatible" screens, true DisplayHDR 400 produces astonishing brightness, contrast and colours. With global dimming and peak brightness up to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colours, delivering a visual experience that engages your senses.



Zero Bezel



4K  
Ultra HD



IPS  
Wide Viewing  
Angle



AMD  
FreeSync



VESA CERTIFIED  
DisplayHDR® 400



SmartErgo  
Base



LowBlue Mode



Flicker-free

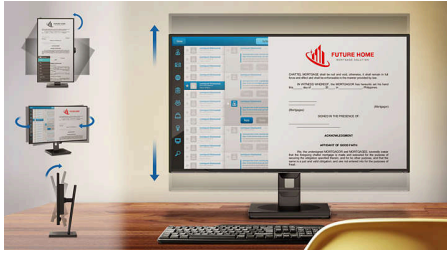
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## Highlights

### SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

### LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

### Flicker-Free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.



Zero Bezel



SmartErgo Base

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## Specifications

### Picture/Display

**Panel Size:** 27"/68.47 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** IPS technology  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.1554 x 0.1554 mm  
**Brightness:** 400 cd/m<sup>2</sup>  
**Display colours:** Colour support 1.07 billion colours  
**Colour gamut (typical):** NTSC 90.7%\*, sRGB 109%\*  
**Contrast ratio (typical):** 1300:1  
**SmartContrast:** Mega Infinity DCR  
**Response time (typical):** 5 ms (Grey to Grey)\*  
**Viewing angle:** 178° (H)/178° (V), @ C/R > 10  
**Picture enhancement:** SmartImage game  
**Maximum resolution:** 3840 x 2160 @ 60 Hz  
**Effective viewing area:** 596.74 (H) x 335.66 (V)  
**Scanning Frequency:** 30 - 140 kHz (H) / HDMI: 40 - 60 Hz (V); DP: 23 - 75 Hz (V)  
**sRGB**  
**Delta E:** < 2  
**Flicker-free**  
**Pixel Density:** 163 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**SmartUniformity:** 97 ~ 102%  
**EasyRead**  
**AMD FreeSync™ technology**  
**HDR:** DisplayHDR 400 certified

### Connectivity

**Signal Input:** DisplayPort 1.4 x 1, HDMI 2.0 x 2  
**Sync Input:** Separate Sync  
**Audio (In/Out):** Headphone out  
**USB::** USB-C x 1, USB 3.2 x 4 (downstream with 2 fast charge B.C 1.2; Power delivery up to 65 W)

### 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 (5 V/3 A; 7 V/3 A; 9 V/3 A; 10 V/3 A; 12 V/3 A; 15 V/3 A; 20 V/3.25 A)  
**USB-C:** Reversible plug connector

### Convenience

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

### Stand

**Height adjustment:** 130 mm  
**Pivot:** 90 degree  
**Swivel:** +/- 175 degree  
**Tilt:** -5/20 degree

### Power

**Power supply:** External, 100–240 VAC, 50–60 Hz  
**Off mode:** 0.3 W  
**On mode:** 25.72 W (typ.) (EnergyStar test method)  
**Standby mode:** 0.5 W  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** F

### Dimensions

**Packaging in mm (W x H x D):**  
680 x 545 x 150 mm  
**Product without stand (mm):** 612 x 353 x 39 mm  
**Product with stand (max height):**  
612 x 527 x 218 mm

### Weight

**Product with packaging (kg):** 8.41 kg  
**Product with stand (kg):** 5.85 kg  
**Product without stand (kg):** 4.25 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:** EnergyStar 8.0, TCO Certified, RoHS  
**Recyclable packaging material:** 100 %  
**Specific Substances:** Mercury free, PVC/BFR free housing

### Compliance and standards

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

### Cabinet

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

### What's in the box?

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



\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* Response time value equal to SmartResponse  
\* 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.  
\* The monitor may look different from feature images.