

Philips Monitor
4K UHD monitor

7000 series

27" (68.5 cm)
3840 x 2160 (4K UHD)

27E2F7903



Color in its finest form

Offered in several hues, this 27-inch monitor is not only meant to be a centerpiece for your home, but also has Thunderbolt™ 4 compatibility and HDR 400 certification.

Features designed for you

- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view
- LowBlue mode and Flicker-free easy-on-the eyes viewing
- SmartErgoBase enables people-friendly ergonomic adjustments

Vibrant colors, incredible depth, finest details

- UltraClear 4K UHD (3840x2160) resolution for precision
- 1.07 billion colors for stunning color and finest gradations
- DisplayHDR 400 for more lifelike and outstanding visuals
- IPS Black: For detailed color expression with 4K clarity
- Pro color standards 100% sRGB, 100% REC 709, 98% DCI-P3

Thunderbolt™ 4 port for flexibility & performance

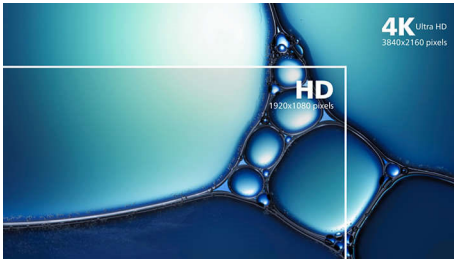
- Lightning-fast connectivity for data, video, and Ethernet
- Delivers up to 90W of power for devices on a single port

PHILIPS

4K UHD monitor
7000 series 27" (68.5 cm), 3840 x 2160 (4K UHD)

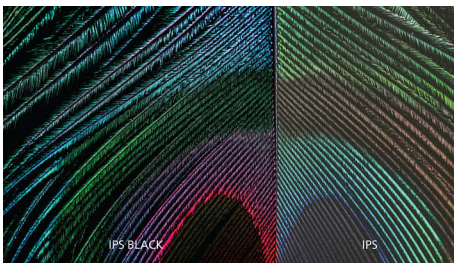
Highlights

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.

IPS Black: For detailed color



A newly developed technology, IPS Black offers the same 178/178-degree viewing angles but with an improved color contrast ratio that is essential for a multi-monitor setup. In addition, it is well suited for professions that demand color accuracy by expressing deeper blacks and better color in 4K clarity; thereby making colors more vivid.

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 colors. 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 colors, delivering a visual experience that engages your senses.

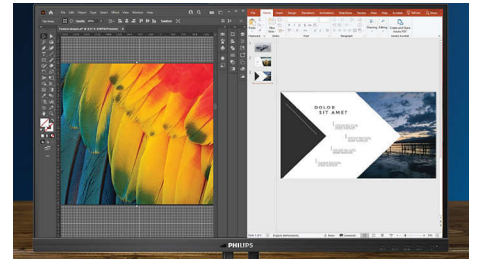
LowBlue Mode & Flicker-free



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.

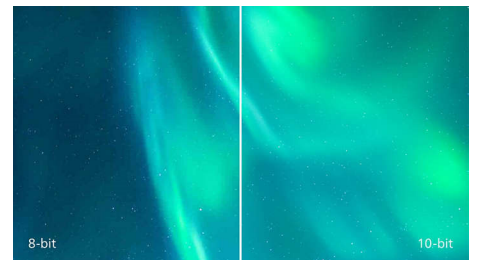
27E2F7903/27

MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

1.07 billion colors



This display delivers outstanding color depth with 1.07 billion colors, and the finest gradation, for re-creating smooth, precise, and vivid image. Enjoy accurate and true-to-life visuals whether gaming, watching videos, or working on color critical work with graphics applications.

Pro color spaces

This monitor is equipped to make the colors on your screen accurately represented. With new spaces especially suited for Apple products like Display P-3 and others that provide a D50 white point like DCI-P3(D50) and Adobe RGB (D50), this product is designed to make colors come to life on screen in the exact way that you want them. Other color spaces to explore include DCI-P3, sRGB, AdobeRGB, Rec.2020, and Rec.709.

4K
Ultra HD

IPS BLACK

VESA CERTIFIED
DisplayHDR 400


Multiview


DCI-P3 98%


THUNDERBOLT.


SmartErgo
Base


Built-in Speaker


LowBlue Mode


MultiClient
Integrated KVM

Specifications

Connectivity

- Signal Input: HDMI 2.0 x 1, DisplayPort 1.4 x 1
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- HDCP: HDCP 1.4 (HDMI / DisplayPort), HDCP 2.2 (HDMI / DisplayPort)
- Thunderbolt: TBT 4 in upstream x1 (Data, Video, PD 96W), TBT 4 out downstream x1 (Data, Video, PD 15W)
- USB Hub: USB-C upstream x 1 (Data, PD15W)

Picture/Display

- Panel Size: 27 inch / 68.5 cm
- Aspect ratio: 16:9
- LCD panel type: IPS Black Technology
- Pixel pitch: 0.1554 x 0.1554 mm
- Brightness: 400 cd/m²
- Display colors: 1.07B (8 bit + A-FRC)
- Color gamut (typical): NTSC 110.5%*, sRGB 132.5%*, Adobe RGB 108.6%*
- Color gamut (min.): DCI-P3 98.5%*
- Contrast ratio (typical): 2000:1
- SmartContrast: 80,000,000:1
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Maximum resolution: 3840 x 2160 @ 60 Hz
- Effective viewing area: 608.8 (H) x 349.4 (V)
- Scanning Frequency: 30 - 140 kHz (H) / 23 - 75 Hz (V)
- sRGB
- Delta E: < 2 (sRGB)
- Flicker-free
- Pixel Density: 163.18 PPI
- LowBlue Mode
- Display Screen Coating: Anti-glare, 3H, Haze 25%
- SmartUniformity: 97 ~102%
- Low Input Lag
- EasyRead
- HDR: DisplayHDR 400 certified

Power Delivery

- Max power delivery: USB-C up to 90W (5V/3A, 7V/3A, 9V/3A, 10V/3A, 12V/3A, 15V/3A, 20V/4.8A)
- Version: USB PD version 3.0

Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11 / 10
- User convenience: Power On/Off, Menu, Input, SmartImage, Color Space
- 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)
- MultiView: PIP/PBP mode, 2x devices

Sound

- Output Power: 5W x 2

Stand

- Height adjustment: 130 mm
- Pivot: + 90 degree
- Swivel: -/+ 45 degree
- Tilt: -5/20 degree

Power

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

Dimensions

- Packaging in mm (WxHxD): 780 x 420 x 161 mm
- Product without stand (mm): 614 x 355 x 38 mm
- Product with stand(max height): 614 x 568 x 200 mm

Weight

- Product with packaging (kg): 9.29 kg
- Product with stand (kg): 5.86 kg
- Product without stand (kg): 4.53 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 (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, FCC Class B, ICES-003, CCC, CECP, CEL

Cabinet

- Color: Silver
- Finish: Fine Textured



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* DCI-P3 Coverage based on CIE1976

* NTSC Area based on CIE1976

* Adobe RGB Coverage based on CIE1976

* sRGB Area based on CIE1931

* The ratio of display emission light in the range from 415 - 455 nm to the display emission of 400 - 500 nm shall be less than 50%.

* 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.

* Response time value equal to SmartResponse

* The monitor may look different from feature images.