

Philips Monitor
4K UHD monitor

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

27E2F7901



Color in its Finest Form

Offered in several hues, this 27-inch monitor is not only meant to shine as a centerpiece for your home, but also has USB-C connectivity, and HDR 400 certification.

Features designed for you

- MultiView enables simultaneous dual connection and view
- SmartErgoBase enables people-friendly ergonomic adjustments
- Built-in KVM switch to easily switch between sources
- DisplayPort-out for connecting additional displays
- Low Blue Light: for a comfortable viewing experience

Single cable USB-C connection

- Connect your notebook with one USB-C cable
- USB 3.2 high speed data transfer

Vibrant colors, incredible depth, finest details

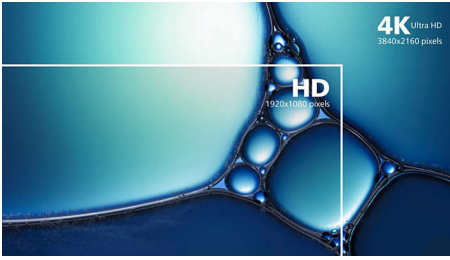
- UltraClear 4K UHD (3840x2160) resolution for precision
- 1.07 billion colors for stunning color and finest gradations
- DisplayHDR 400 for more lifelike and outstanding visuals
- IPS Black: For detailed color expression with 4K clarity
- Pro color standards 100% sRGB, 100% REC 709, 98% DCI-P3

PHILIPS

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

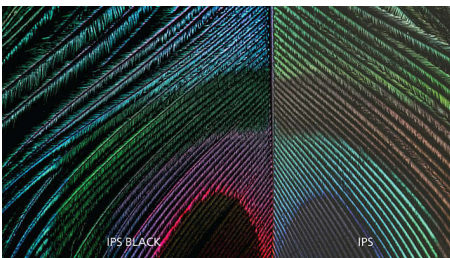
Highlights

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

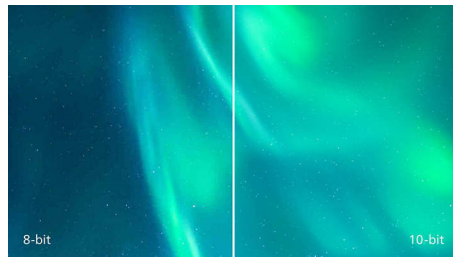


VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while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

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.

1.07 billion colors



This display delivers outstanding color depth with 1.07 billion colors, and the finest

27E2F7901/27

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.

High speed data transfer

USB 3.2 high speed data transfer

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.

MultiClient Integrated KVM



With MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse set up. A convenient button allows you to quickly switch between sources. Handy with set-ups that require dual PC computing power or sharing one large monitor to show two different PCs.



Specifications

Connectivity

- Signal Input: HDMI 2.0 x 1, DisplayPort 1.4 x 1, USB-C x 1 (upstream, DP Alt mode, Data, Power Delivery up to 96W)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- Signal Output: DisplayPort out x 1
- HDCP: HDCP 1.4 (HDMI / DisplayPort / USB-C), HDCP 2.2 (HDMI / DisplayPort / USB-C)
- USB Hub: USB 3.2, Gen 2 / 10 Gbps, USB-C upstream x 1 (Data), USB-A downstream x 4 (with 1 for fast charge B.C 1.2), USB-C downstream x 1 (Data, PD 15W)

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): sRGB 100%, REC 709: 100%, NTSC: 110.5%, Adobe RGB 108.6%
- Color gamut (min.): DCI-P3 98%*
- 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
- Flicker-free
- Pixel Density: 163.18 PPI
- LowBlue Mode
- Display Screen Coating: Anti-glare, 3H, Haze 25%
- SmartUniformity: 97 ~ 102%
- Low Input Lag
- EasyRead
- AMD FreeSync™ technology
- HDR: DisplayHDR 400 certified

Power Delivery

- Max power delivery: USB-C up to 96W (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 / 8.1 / 8
- User convenience: Power On/Off, Menu, Input, Color Space, 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)
- MultiView: PIP/PBP mode, 2x devices
- KVM: Yes, USB-C (Upstream, Data)

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: 26.6 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): 8.73 kg
- Product with stand (kg): 5.38 kg
- Product without stand (kg): 4.05 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: CCC, CB, CE Mark, FCC Class B, ICES-003, cETLus, CECP, CEL

Cabinet

- Color: Silver
- Finish: Fine Textured

What's in the box?

- Cables: HDMI cable, DisplayPort cable, USB-C to USB-A/C Y cable, USB-C to A cable, Power cable
- Monitor with stand
- User Documentation
- Accessory: VESA bracket



Issue date 2024-03-24

Version: 9.3.1

UPC: 6 09585 25632 3

© 2024 Koninklijke Philips N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips N.V.
or their respective owners.

www.philips.com

* 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.

* DCI-P3, sRGB and REC 709 Coverage based on CIE 1976

* NTSC and Adobe RGB Area based on CIE 1976