

PHILIPS

4K UHD monitor

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

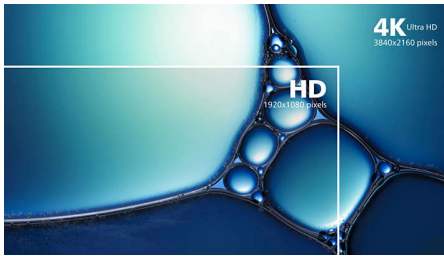
- Connect your notebook with one USB-C cable
- USB 3.2 high speed data transfer

Vibrant colors, incredible depth, finest details

- UltraClear 4K UHD (3840x2160) resolution for precision
- Calman Ready: for automatic and luminous color calibration
- 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

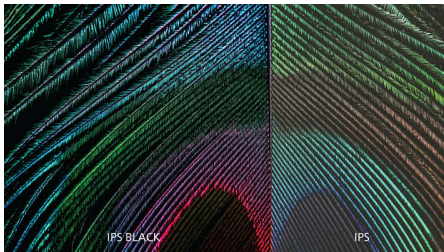
Highlights

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



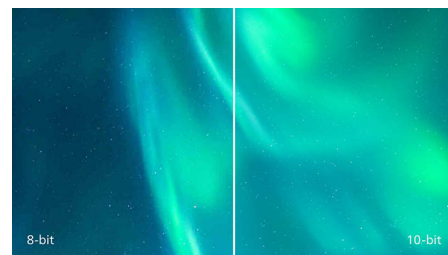
VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true

DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and minimum 400 nits brightness, 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 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.

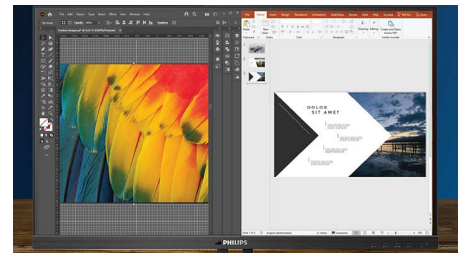
Calman Ready || Vibrant colors, incredible depth



This new technology allows for screen calibration to be done at a fraction of the traditional time it takes without skimping on a beautiful and

aesthetically pleasing color gamut. In contrast to manual calibration, monitors equipped with the Calman Ready feature will calibrate automatically. In turn, this automation produces vibrant colors that produce so-called "Hollywood-grade color" and is most suited for professions that demand accurate coloring.

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.

DisplayPort-out



With DisplayPort-out you can connect multiple high resolution displays with just one cable from your first display to the PC. The ability to daisy chain multiple displays enables you to create a clean desktop without the hassle of too many wires all over.

Monitor

4K UHD monitor

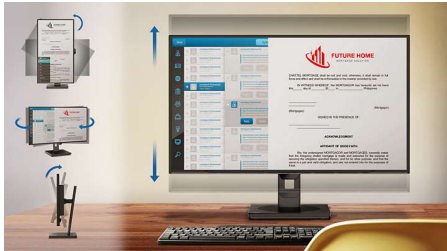
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Highlights

Low Blue Light

This feature helps reduce eye strain and adverse symptoms that are often caused by long exposure to blue light. In this monitor's panel, the ratio of light emitted is reduced by nearly 50 percent: from 400-500nm to 415-455nm.

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.

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.

4K
Ultra HD

IPS BLACK

VESA CERTIFIED
DisplayHDR 400

DCI-P3 98%

calman
READY


Multiview

Specifications

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

Calman Ready

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)

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 bracketv

