PHILIPS

5K monitor

Brilliance

7000 series

27" (68.5 cm)

5120 x 2880 (5K UHD)

27E3U7903

Colour you can't contain

Offered in several hues, this 5K 27 inch monitor is not only meant to be a centrepiece for your home, but also has Thunderbolt™ 4 compatibility, automatic screen calibration through Calman Ready and HDR 600 certification.

Features designed for you

- SmartKVM: for easily switching between sources.
- AI-enhanced Webcam Autoframing: for dynamic video calls
- Eyesafe-certified blue light protection and colour accuracy
- PowerSensor 2: for optimised energy efficiency
- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view

Vibrant colours, incredible depth, finest details

- 5K Ultra HD (5120 x 2880) resolution for ultraclear visuals
- Calman Ready: for automatic and luminous colour calibration
- Vibrant, accurate colour with pro colour standards
- DisplayHDR 600 for excellent visual highlights
- 1.07 billion colours for stunning colour and the finest gradation

Thunderbolt™ 4 port for flexibility and performance

- Lightning-fast connectivity for data, video and Ethernet

Highlights

UltraClear 5K UHD Resolution

14.7 million pixels for precise detail and clarity. With 5K Ultra HD resolution, four times Quad HD, you see detail like you've never seen before for perfect results.

DisplayHDR 600

VESA-certified DisplayHDR 600 delivers a dramatically different visual experience. Unlike other "HDR-compatible" screens, true DisplayHDR 600 produces astonishing brightness, contrast and colours. With the help of local dimming and high peak brightness up to 600 nits, images come to life with notable highlights featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colours, delivering a visual experience that engages your senses.

Calman Ready

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

1.07 billion colours

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

Thunderbolt™ 4 monitor

This Philips docking monitor is equipped with Thunderbolt™ 4 connection. Compared with conventional USB-C monitors, Thunderbolt™ 4 technology provides lightning-fast 40 Gbps data transfer speeds, supports high resolution video, offers multi-stream transport for daisy chaining, has up to 96 W of power delivery to external devices and can provide a stable 1 Gbit/s Ethernet connection.

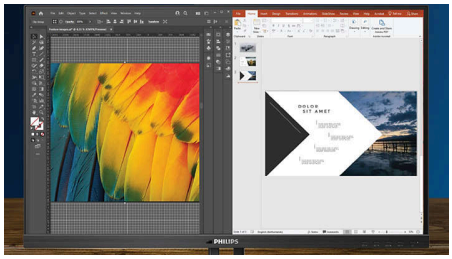
Thunderbolt daisy chain setup

Daisy chaining allows you to drive multiple monitors and devices from a single Thunderbolt port on your laptop. From the Thunderbolt port of your laptop, connect to this monitor, then from the second Thunderbolt port on this monitor you can connect to a second 4K monitor.

Pro-level colour accuracy

This monitor is equipped to deliver vibrant, true-to-life colours with wide Display-P3 support, which is ideal for Apple users. Adobe RGB ensures precise colour for professional photo and print work, while sRGB offers consistent, reliable colour for web and everyday use. Perfect for creatives who demand accuracy.

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 multitasking.

SmartKVM

Unlike traditional built-in KVM monitor buttons, the smart KVM allows for switching between sources with the click of a button on your keyboard. When all devices are properly connected, users can easily switch between sources by clicking the "Ctrl" key three times.

5K Ultra HD
VESA CERTIFIED DisplayHDR 600
calman READY
THUNDERBOLT
Multiview
Built-in Speaker
AI
eyesafe CERTIFIED
40 RPF40

Highlights

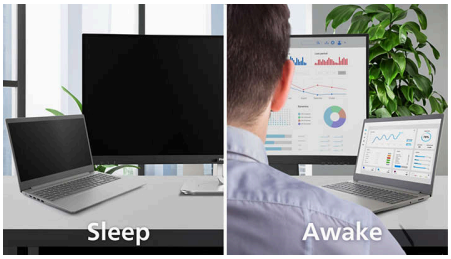
Built-in stereo speakers

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.

AI-enhanced Webcam Autoframing

This AI-enhanced feature is perfect for multi-person video conferencing. When one or more people join the webcam view, the AI-powered feature will automatically adjust and zoom to fit all team members in the frame. Likewise, when participants leave the webcam view, the AI-enhanced webcam will adjust accordingly, thereby making it ideal for long meetings as well as team calls.

PowerSensor 2



This monitor's PowerSensor 2 feature reduces energy consumption by detecting when users move closer and further away from the screen. After switching the OSD setting to "User", you then need to adjust the settings in Windows 11 for this feature to function properly. When these adjustments are made, the monitor and connected PC/laptop will wake when someone approaches it and sleep when someone walks away, effectively reducing the amount of wake time. The distance for detection can be set to 50, 75 or 120 cm from the user's laptop. Please note that Windows 11 must be installed.

eyesafe® CERTIFIED 2.0 (RPF 40)

The Philips display meets the eyesafe® CERTIFIED 2.0 standard to truly protect you from long exposure to blue light. The always-on blue light filter not only helps reduce digital eye strain, but also guarantees colour integrity.

Brilliance

5K monitor

27E3U7903/00

Specifications

Picture/Display

Panel Size: 27 inch/68.5 cm
Aspect ratio: 16:9
LCD panel type: IPS
Pixel pitch: 0.11655 x 0.11655 mm
Brightness: 500 cd/m²
Display colours: 1.07 B (8 bit+FRC)
Colour gamut (typical): REC709 100%, Adobe RGB 99.5%; DCI-P3/Display-P3:99%, sRGB: 160%, NTSC 130%.*
Contrast ratio (typical): 2000:1
SmartContrast: 80,000,000:1
Response time (typical): 4 ms (Grey to Grey)*
Viewing angle: 178º (H)/178º (V), @ C/R > 10
Picture enhancement: SmartImage Premium
Maximum resolution: 5120 x 2880 Hz @ 70 Hz
Effective viewing area:
596.736 (H) x 335.664 (V) mm
Scanning Frequency: 30-210 kHz(H)/60-70 Hz(V)
sRGB
Delta E: <2 (sRGB)
Flicker-free
Pixel Density: 218 PPI
LowBlue Mode
Display Screen Coating: Front Glass with Anti-Reflection. Anti-Finger 7%, 7H
Low Input Lag
EasyRead
HDR: DisplayHDR 600 certified
Calman Ready

Connectivity

Signal Input: HDMI 2.1 x 1, Thunderbolt 4 in x 1 (Upstream, Data, Video, PD 96 W)
Sync Input: Separate Sync
Audio (In/Out): Headphone out
RJ45: Ethernet LAN (10M/100M/1G)
HDCP: HDCP 1.4 (HDMI), HDCP 2.3 (HDMI)
Thunderbolt: Thunderbolt 4 in x 1 upstream (Data, Video, PD 96 W), Thunderbolt 4 out x 1 downstream (Data, video, PD 15 W)
USB Hub: USB version, Upstream: 1 x USB-C (Data only, 15 W) ,Downstream: USB-A x 2 (Gen2: 10 G; 1 for FC); USB-C x 1, (Data, 15 W)

Power Delivery

Max power delivery: USB to 96 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/4.8 A)
Version: USB PD version 3.0

Convenience

Built-in Speakers: 5 W x 2
Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 11/10
User convenience: Power On/Off, Menu, Input/Up, Colour Space/Down, SmartImage/Back
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), VESA bracket, LowBlue Mode
MultiView: PBP (2 x devices)
Built-in webcam: 5.0 megapixel camera with microphone and LED indicator (for Windows Hello)
Webcam with auto-framing: Yes*
KVM: Yes, Smart KVM, Thunderbolt 4/USB-C
Noise cancellation
Low blue light: Yes*
Power sensor: PowerSensor2*

Stand

Height adjustment: 150 mm
Pivot: + 90 degree
Swivel: -/+ 360 degree
Tilt: -5/20 degree

Power

ECO mode: 29.1 W
Power supply: Internal, 100–240 VAC, 50–60 Hz
Off mode: 0.3 W (typ.)
On mode: 37.76 W (typ.) (EnergyStar test method)
Standby mode: 0.5 W (typ.)
Power LED indicator: Operation - White, Standby mode - White (flashing)
Energy Label Class: F

Dimensions

Packaging in mm (W x H x D):
780 x 480 x 139 mm
Product without stand (mm): 624 x 391 x 28 mm
Product with stand (max height):
624 x 566 x 176 mm

Weight

Product with packaging (kg): 11.94 kg
Product with stand (kg): 8.1 kg
Product without stand (kg): 6.3 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 (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: PVC/BFR free housing

Compliance and standards

Regulatory Approvals: CB, CE Mark, EPA, CEC, TUV/ISO9241-307, TUV-BAUART, EAC, EAC ROHS, CEL, CCC, CECP, UKCA, EMF, FCC

Cabinet

Colour: Space Grey
Finish: Fine Textured

What's in the box?

Cables: HDMI cable, TBT4 cable, Power cable
User Documentation
Accessory: VESA bracket

* 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
* REC709 Coverage on CIE1931, Adobe RGB, DCI-P3 and Display-P3 Coverage based on CIE1976, sRGB Area based on CIE1931, NTSC Area based on CIE1976.
* Low blue light compliance: 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%.
* Please note that the PowerSensor 2 is only functional with Windows 11 installed. When PowerSensor 2 is activated, WAL means Walk Away Lock and WOA means Wake On.
* Please note that the Webcam with Auto Framing feature, including its Zoom In/Out functionality for both long and short distances, is controlled and operated by AI Control.
* The products and accessories listed on this leaflet may differ by country and region.
* The monitor may look different from feature images.

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