4K Ultra High Definition

See the big picture with all the details

The expansive 43" class Ultra HD Professional Philips display gives you the room to spread out, see the big picture and all the details in 4K Ultra High Definition (four times the resolution of full HD).

Expand your viewing experience

- Expansive 43-inch class brilliant display
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- IPS LED wide view technology for image and colour accuracy
- MultiView 4K for 4 systems on one screen
- SmartUniformity for consistent images
- SmartImage pre-sets for easy optimised image settings

Designed for the way you work

- Slim bezel design for a stylish look
- Powerful 7-Watt speakers to unleash your content
- USB 3.0 Hub for convenient access and fast charging
- SmartConnect with DisplayPort, HDMI and VGA connections
- MHL technology for enjoying mobile content on a big screen
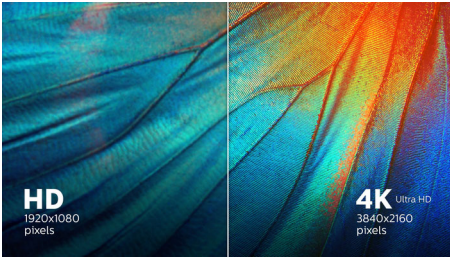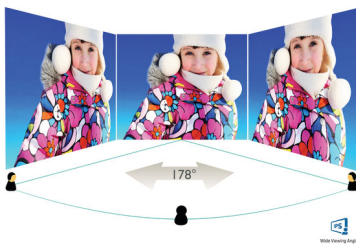- VESA mount allows for the perfect setup

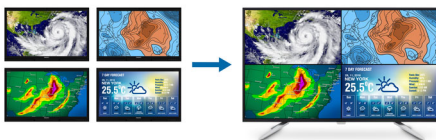**PHILIPS**

Highlights

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.
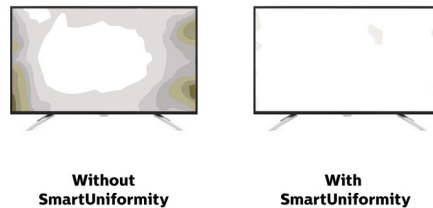
MultiView technology for 4K

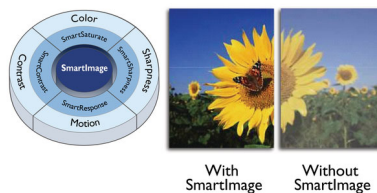Philips MultiView feature on this expansive 4K UHD display enables you to have up to four systems each shown in Full HD on one screen. You can use Picture-by-Picture (PbP) to monitor four systems on one screen for control rooms or security. Or for multiple devices like two notebooks side-by-side simultaneously, making collaboration more productive. Or Picture-in-Picture mode (PiP) watching a live football feed from your set-top box, while working on your PC.

SmartUniformity

Fluctuations in brightness and colour on LCD screens are a common phenomenon. Philips' SmartUniformity mode delivers accurate images in terms of brightness; which is crucial for photography, design and printing. With a colour metric to assess colour accuracy, this mode is calibrated to meet average luminance uniformity of more than 95%. Selecting this mode will produce uniform and accurate images.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

7-Watt 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.

USB 3.0 Hub with FastCharge

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard, significantly reducing data transfer time to save you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard and allows you to use large capacity storage devices. Now you don't have to wait so long for devices to charge. New FastCharge enables quick charging to charge and go. USB 3.0 is also backward compatible with USB 2.0 devices.

SmartConnect for 4K

These Philips displays come equipped with the most advanced multi connections like VGA, Display Port and universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. New DisplayPort and HDMI 2.0 connection now enables full 4K resolution at 60 Hz for smooth visuals. USB connections ensure that you can have super speed data transfers with global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

4K
Ultra HD

IPS
Wide Viewing Angle

MultiView

Flicker-free

Smart Uniformity

SmartImage™

Built-in Speaker

SmartConnect

Specifications

Picture/Display
- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 42.51 inch (108 cm)
- Effective viewing area: 941.2 (H) x 529.4 (V)
- Display Screen Coating: Anti-Glare, 3H, Haze 1%
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Response time (typical): 5 ms (Grey to Grey)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1200:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.2451 x 0.2451mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 20
- Picture enhancement: SmartImage
- Flicker-free
- Display colours: Colour support 1.07 billion colours (10 bits)
- Scanning Frequency: VGA/HDMI: 30 - 99 kHz; DP: 30 - 160 kHz (H) / VGA: 56 - 80 Hz; HDMI/DP: 23 - 80 Hz (V)
- MHL: 1080P @ 60 Hz
- sRGB
- Brightness uniformity: 96~105%
- Delta E: <3

Connectivity
- USB: USB 3.0x4 (1 w/fast charging)*
- Signal Input: VGA (Analogue), DisplayPort x 2, HDMI (2.0) — MHL x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 7 W x 2
- MultiView: PIP (2 x devices), PBP (4 x devices)
- User convenience: SmartImage, Multi-view, User, Menu, Power On/Off
- Control software: SmartControl
- 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 (200 x 200 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Power
- ECO mode: 46.5 W (typ.)
- On mode: 63.1 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: <0.5 W (typ.)
- Off mode: Zero watts with AC switch
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz

Dimensions
- Product with stand (max height): 968 x 630 x 259 mm
- Product without stand (mm): 968 x 562 x 82 mm
- Packaging in mm (W x H x D): 1070 x 680 x 160 mm

Weight
- Product with stand (kg): 9.72 kg
- Product without stand (kg): 9.40 kg
- Product with packaging (kg): 14.29 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20–80% %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 70,000 hrs (excluded backlight) hour(s)

Sustainability
- Environmental and energy: EnergyStar 6.0, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CECP, WEEE, KCC, PSE, VCCI, J-MOSS, EPA, BSMI, SEMKO, RCM, CE Mark, FCC Class B, EAC, cETLus, TUV/ISO9241-307, PSB, E-standby, SASO, CB, China RoHS, UKRAINIAN, Kuwait, KUCAS, ICES-003

Cabinet
- Front bezel: Black
- Rear cover: Black
- Foot: Silver
- Finish: Glossy (Front bezel) / Texture (Foot / Rear cover)

What's in the box?
- Monitor with stand
- Cables: VGA, HDMI, DP, Audio, Power
- User Documentation

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work
* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* For a complete list of MHL-enabled products, refer to www.mhlconsortium.org
* Fast charging complies with USB BC 1.2 standard
* Response time value equal to SmartResponse
* Four inputs required for four systems on one screen.