



Philips Brilliance  
LCD monitor with  
MultiView

**UltraWide 21:9**

29"/73 cm,  
2560 x 1080

**298P4QJEB**

## Panoramic view, Crystal clear images

on UltraWide, MultiView display

This Philips UltraWide 29" display is set to impress you with its Crystal clear 2560 x 1080 images and brilliant colours. Its superb 21:9 AH-IPS screen with Ultra-Narrow Bezel gives you a panoramic view of the world.

### Brilliant performance

- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view
- Less eye fatigue with Flicker-Free technology
- SmartConnect with HDMI, Display port and Dual link DVI
- USB 3.0 enables fast data transfers and smart phone charging
- Crystal clear UltraWide HD with 2560 x 1080 pixels
- Panoramic 21:9 AH-IPS screen gives brilliant images
- Display Port for daisy chain multi-display usage

### Designed for people

- Low bezel-to-table height for maximum reading comfort
- SmartErgoBase enables user-friendly ergonomic adjustments
- Ultra-Narrow Bezel for maximum view and minimum bezel

### Sustainable Eco-design

- Zero power consumption with 0 watt hard switch

**PHILIPS**

# Highlights

## Panoramic 21:9 AH-IPS screen

This latest Philips display uses an advanced 21:9 panoramic AH-IPS panel with True 8-bit colour depth resulting in superb colour accuracy. Philips' TrueVision technology achieves more than 99% sRGB colour space with a delta-E of less than 3, far tighter than the Windows specification. The 21:9 format makes it perfectly suitable for more spreadsheet columns. Its 178/178-degree viewing angle allows for the best graphic designing, web applications and photo retouching, amongst others. You can now open 2 full-size side-by-side Internet pages, navigate multiple applications and multi-task with ease.

## CrystalClear images

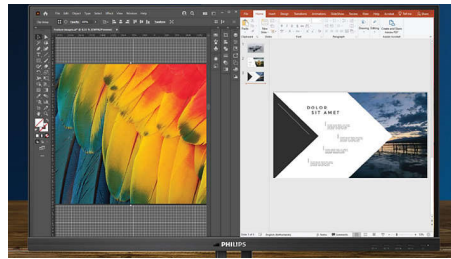
These latest Philips screens deliver Crystal Clear, Quad HD 2560x1440 or 2560x1080 pixel images. Using high-performance panels with high-density pixel count, 178/178 wide viewing angles, enabled by high bandwidth sources like Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystal Clear images.

## Flicker-Free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## 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.

## Ultra-Narrow Bezel

Utilising the latest technology panels, the new Philips displays are designed with a minimalistic approach by limiting the outer bezel thickness to about 2.5 mm. Combined with an in-panel black matrix strip of around 9 mm, the overall bezel dimensions are reduced significantly, minimising distractions and maximising viewing size. Especially suited to multi-display or tiling setups like gaming, graphics design and professional applications, the Ultra-narrow bezel display gives you the feeling of using one large display.

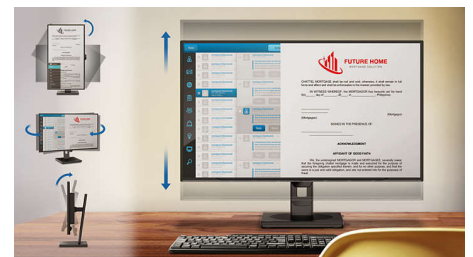
## Display Port with Daisy Chain

This Philips display employs Display port 1.2a Multi Stream Transport (MST) technology with HBR2, which doubles the data throughput to 21.6 Gbps. This enables it to daisy chain multiple monitors, thereby dramatically increasing your efficiency. This daisy chain, multi-monitor capability makes this Philips display especially suitable for use in Finance, Banking, control rooms and other similar environments. To make use of this feature, your PC Graphics Card must be certified to DP1.2 with the MST option. For detailed information, please visit <http://www.displayport.org/>

## SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like Dual link DVI, Display Port and universal HDMI connector, enabling you to enjoy high-resolution uncompressed video and audio content. The USB 3.0 option ensures that you can have super-speed data transfers while having 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!

## 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.

## USB 3.0 super speed

Super-Speed USB 3.0 deploys a 5.0 gbit/s transfer rate, which is about 10 times faster than the USB 2.0 standard, significantly reducing data transfer time and saving 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 allowing you to use large-capacity storage devices. Sync-N-Go technology ensures you don't have to wait for bandwidth to be freed up any more. Your investment in USB 2.0 devices is protected as it is backwards-compatible.



# Specifications

## Connectivity

- Signal Input: DisplayPort x 1, DVI-Dual Link (digital, HDCP), HDMI x 2
- USB: USB 3.0 x 4
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 29 inch/73 cm
- Aspect ratio: 21:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.2628 x 0.2628 mm
- Optimum resolution: 2560 x 1080 @ 60 Hz
- Brightness: 300 cd/m<sup>2</sup>
- Display colours: 16.7 M (True 8 bit)
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 14 ms
- Viewing angle: 178° (H)/178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 672.76 (H) x 283.82 (V)
- Scanning Frequency: 30 - 90 kHz (H) / 56 - 75 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (Grey to Grey)

## Convenience

- Built-in Speakers: 2 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/XP
- User convenience: SmartImage, Multi-view, Menu, Power On/Off, User
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Control software: SmartControl Premium
- MultiView: PIP/PBP mode, 2 x devices

## Stand

- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 25.1 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: Zero watts with Zero switch
- On mode: 38.5 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Packaging in mm (W x H x D): 782 x 506 x 186 mm
- Product without stand (mm): 700 x 330 x 59 mm
- Product with stand (max height): 700 x 538 x 273 mm

## Weight

- Product with packaging (kg): 11.68 kg
- Product with stand (kg): 8.46 kg
- Product without stand (kg): 5.67 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EnergyStar 6.0, TCO Certified Edge, RoHS
- Post-consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, UL/cUL, WEEE

## Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black



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