Philips Brilliance
LCD monitor with
MultiView

UltraWide 21:9
29"/73 cm,
2560 x 1080

*Brilliance*

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

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

### Sustainable Eco-design
- 65% post-consumer recycled plastics with TCO Edge

**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 in comfort whether at the office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feeds from your set-top box on the right-hand side, while browsing the Internet from your notebook on the left is now easy. You may want to keep an eye on the live news feed with audio in the small window, while working on your latest blog.

### 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!
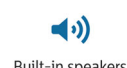
### SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, 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.

### 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.

Wide Viewing Angle | MultiView | Ultra Narrow Bezel | Crystalclear UltraWide HD | Flicker-free | SmartErgoBase | SmartConnect | Built-in speakers | USB 4x

# Specifications

## Picture/Display
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 29 inch/73 cm
- Effective viewing area: 672.76 (H) x 283.82 (V)
- Aspect ratio: 21:9
- Optimum resolution: 2560 x 1080 @ 60 Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 5 ms (Grey to Grey)
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.2628 x 0.2628 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M (True 8 bit)
- Scanning Frequency: 30 - 90 kHz (H) / 56 - 75 Hz (V)
- sRGB

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

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

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

## Power
- ECO mode: 25.1 W (typ.)
- On mode: 38.5 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.3 W (typ)
- Off mode: Zero watts with Zero 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): 700 x 538 x 273 mm
- Product without stand (mm): 700 x 330 x 59 mm
- Packaging in mm (W x H x D): 782 x 506 x 186 mm

## Weight
- Product with stand (kg): 8.46 kg
- Product without stand (kg): 5.67 kg
- Product with packaging (kg): 11.68 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: 30,000 hour(s)

## Sustainability
- Environmental and energy: EnergyStar 6.0, EPEAT Gold*, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Post-consumer recycled plastic: 65%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

## Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, UL/cUL, WEEE

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