



Philips Brilliance  
LCD monitor with  
MultiView

**UltraWide 21:9**

29" / 73 cm,  
2560 x 1080

**298P4QJEB**

## Panoramic view, Crystalclear images

on UltraWide, MultiView display

This Philips UltraWide 29" display is set to impress you with its Crystalclear 2560x1080 images and brilliant colors. Its superb 21:9 AHIPS 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
- Crystalclear UltraWide HD with 2560x1080 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 people-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 advanced 21:9 panoramic AH-IPS panel with True 8 bit color depth resulting in superb color accuracy. Philips' TrueVision technology achieves more than 99% sRGB color space with a delta-E of less than 3, far tighter than Windows specification. 21:9 format makes it perfectly suitable for more spreadsheets columns to be viewed. Its 178/178 degree viewing angle allows for best graphic designing, web applications, photo retouching amongst others. You can now open 2 full size side by side Internet pages, navigate multiple applications and do multi-tasking with ease.

## Crystalclear images

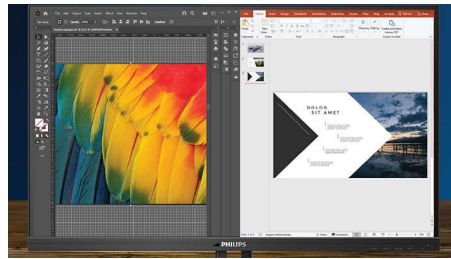
These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, 178/178 wide viewing angles, enabled by high bandwidth sources like Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are 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 Crystalclear 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 multi-tasking.

## Ultra Narrow Bezel

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

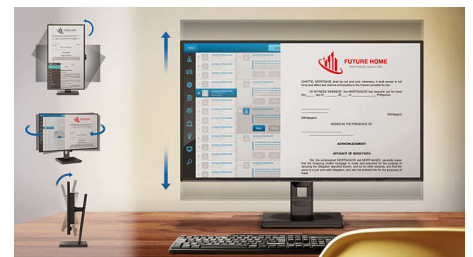
## Display Port with Daisy Chain

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 increasing your efficiency dramatically. This daisy chain, multi-monitor capability makes this Philips display especially suitable for use in Finance, Banking, control room and other similar environment. To make use of this feature, your PC Graphics Card must be certified to DP1.2 with 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, universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. 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 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard significantly reducing data transfer time saving you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the global standard allowing you to use the large capacity storage devices. Sync-N-Go technology ensures you don't have to wait anymore for bandwidth to be freed up. Your investment in USB 2.0 devices is protected as it is backward 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 @ 60Hz
- Brightness: 300 cd/m<sup>2</sup>
- Display colors: 16.7 M (True 8 bit)
- Contrast ratio (typical): 1,000:1
- 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 (Gray to Gray)

## Convenience

- Built-in Speakers: 2Wx2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/XP
- User convenience: SmartImage, Multiview, Menu, Power On/Off, User
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl Premium
- MultiView: PIP/PBP mode, 2x 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, 100-240VAC, 50-60Hz
- 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 (blinking)

## Dimensions

- Packaging in mm (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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



Issue date 2024-03-24

Version: 4.0.1

EAN: 87 12581 66175 5

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