



Philips Brilliance
LCD monitor with
MultiView

UltraWide 21:9

29" / 73 cm, 2560 x 1080

Brilliance

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

- Panoramic 21:9 AHIPS screen gives brilliant images
- Crystalclear UltraWide HD with 2560x1080 pixels
- MultiView enables active dual connect and view at 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 people-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
- Zero power consumption with 0 watt hard switch

PHILIPS
sense and simplicity

Highlights

Panoramic 21:9 AHIPS 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 view 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 latest 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 or optional Thunderbolt, 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.

MultiView technology

With the ultra high resolution Philips MultiView display you can now experience a world of connectivity in a comfortable way whether at office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feed from your set-top box on right 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

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, or optional Thunderbolt, 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's

people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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 latest 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.

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

Low bezel-to-table height



The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.



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 @ 60Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 5 ms (Gray to Gray)
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1,000:1
- 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 colors: 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), HDMIx2
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: PC audio-in, Headphone out

Convenience

- Built-in Speaker: 2Wx2
- MultiView: PiP/PbP mode, 2x devices
- User convenience: SmartImage, Multiview, 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 (100x100mm)
- Plug & 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 (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

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 (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: TBC 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



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