



LCD monitor with MultiView

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

298P4QJEB/00

## 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.

### Benefits

#### Brilliant performance

- Panoramic 21:9 AH-IPS screen gives brilliant images
- Crystalclear UltraWide HD with 2560x1080 pixels
- Less eye fatigue with Flicker-free technology
- MultiView enables active dual connect and view at same time
- Display Port for daisy chain multi-display usage
- SmartConnect with HDMI, Display port and Dual link DVI
- USB 3.0 enables fast data transfers and smart phone charging
- Built-in stereo speakers for multimedia

#### Designed for people

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

#### Sustainable Eco-design

- 65% post consumer recycled plastics with TCO Edge
- Zero power consumption with 0 watt hard switch

### Features

#### 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

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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 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, 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 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, 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.

#### TCO Edge

TCO Edge certification is given to products which go beyond existing eco-labeling programs. Over and above standard TCO requirements, it further mandates that the product uses minimum 65% of post consumer recycled plastics, is energy efficient, uses minimal hazardous materials, has 100% recyclable packaging, and is designed for easy recycling amongst other requirements. You can rest assured that this Philips monitor is a cutting edge technology product which is best in class ICT, benefitting you and the planet while helping you make a responsible green IT purchase!

#### Zero power consumption

At the flick of the 0 watt hard switch which is conveniently located at the back, you can completely cut-off your monitor from AC power. This results in zero power consumption reducing your carbon footprint even further

## Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### 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/m <sup>2</sup>
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	Yes

### 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 Speakers	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	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
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### Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

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\* EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.



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