



Philips

LCD monitor with MultiView

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

298P4QJEB/00

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.

Benefits

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
- 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 user-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 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-

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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 that 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

Specifications

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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

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.

Low bezel-to-table height



Thanks to its advanced SmartErgoBase, the Philips monitor 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 users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.

TCO Edge

TCO Edge certification is given to products that go beyond existing eco-labelling programmes. Over and above standard TCO requirements, it further mandates that the product uses a minimum of 65% post-consumer recycled plastics, is energy efficient, uses minimal hazardous materials, has 100% recyclable packaging and, amongst other requirements, is designed for easy recycling. You can rest assured that this Philips monitor is a cutting edge technology product, which is best in class ICT, benefiting 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 of the monitor, you can completely cut off your monitor from AC power. This results in zero power consumption, reducing your carbon footprint even further

Optimum resolution	2560 x 1080 @ 60 Hz
Response time (typical)	14 ms
SmartResponse (typical)	5 ms (Grey to Grey)
Brightness	300 cd/m ²

Contrast ratio (typical)	1000:1	100-240 VAC, 50-60 Hz
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 sRGB	30 - 90 kHz (H) / 56 - 75 Hz (V) Yes	

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
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Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

Connectivity

USB Signal Input	USB 3.0 x 4 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 OSD Languages	SmartControl Premium 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

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* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.



data subject to change
2015, December 28

Version: 4.0.1
EAN: 8712581661748

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