Philips

LCD monitor with MultiView

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

298X4QJAB/00

Panoramic view, Crystal clear images

with UltraWide, MultiView display

This Philips UltraWide 29" display will amaze you with its Crystal clear 2560 x 1080 images and brilliant colours. Its fascinating 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
- Built-in stereo speakers for multimedia

Easy to experience
- SmartControl for easy performance tuning

- SmartConnect with HDMI, Display port and Dual link DVI
- SmartKolor for rich vibrant images
- SmartTxt for an optimised reading experience
- SmartImage premium for easy image setup

Stylish design
- Minimalistic looks with Ultra-Narrow Bezel
- Stylish base with tilt function

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 Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilising 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 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 Crystalclear images.

Flicker-Free technology

Because of the way brightness is controlled on LED-backlit screens, some users experience flicker on the 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/

SmartControl for easy tuning

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multi-level On-Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way

SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multiple connections like Dual link DVI, Display Port and universal HDMI connector, enabling you to enjoy high-resolution uncompressed video and audio content. 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!

SmartKolor

SmartKolor is a sophisticated colour extension technology that is able to enhance the visual colour range of the display. By boosting the RGB gain level of the display, you can achieve rich, vibrant images to experience outstanding photos and videos.

SmartTxt

SmartTxt is a sophisticated algorithm that enhances reading of text-based applications such as PDF documents and eBooks, which usually requires more focus and concentration. The SmartTxt feature increases the contrast and boundary sharpness of text content for better readability. Optimisation for reading is achieved by adjusting the display's grey level scale along with white balance, brightness and contrast.

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.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

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 @ 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	0.262 x 0.262 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	Yes

data subject to change
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Connectivity

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
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

Tilt	-5/20 degree

Power

On mode	33.3 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 (mm)	700 x 426 x 197 mm
Product without stand (mm)	700 x 330 x 59 mm
Packaging in mm (W x H x D)	782 x 505 x 159 mm

Weight

Product with stand (kg)	6.36 kg
Product without stand (kg)	5.70 kg
Product with packaging (kg)	8.85 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* RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

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

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