



Philips Brilliance
LCD monitor with
MultiView

UltraWide 21:9

29" / 73 cm,
2560 x 1080

Brilliance



298X4QJAB

Panoramic view, Crystalclear images

with UltraWide, MultiView display

This Philips UltraWide 29" display will amaze you with its Crystalclear 2560x1080 images and brilliant colors. Its fascinating 21:9 AHIPS screen with Ultra Narrow Bezel gives you a panoramic view of the world.

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
- Built-in stereo speakers for multimedia

Easy to experience

- SmartImage premium for easy image setup
- SmartControl for easy performance tuning
- SmartConnect with HDMI, Display port and Dual link DVI
- SmartTxt for a optimized reading experience
- SmartKolor for rich vibrant images

Stylish design

- Minimalistic looks with Ultra Narrow Bezel

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 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 minimalist 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/>

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 multilevel 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 multi connections like Dual link DVI, Display Port, 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 color extension technology that is able to enhance visual color range of the display. By boosting RGB gain level of the display, this feature enables you to have rich, vibrant images for experiencing outstanding photos and videos.

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.



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: 0.262 x 0.262 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

- 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
- 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

- 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 (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions

- Product with stand (mm): 700 x 426 x 197 mm
- Product with stand in inch: 27.6 x 16.8 x 7.8 inch
- Product without stand (mm): 700 x 330 x 59 mm
- Product without stand in inch: 27.6 x 13.0 x 2.3 inch
- Packaging in mm (WxHxD): 782 x 505 x 159 mm
- Packaging in inch (WxHxD): 30.8 x 19.9 x 6.3 inch

Weight

- Product with stand (kg): 6.36 kg
- Product with stand (lb): 13.99 lb
- Product without stand (kg): 5.70 kg
- Product without stand (lb): 12.54 lb
- Product with packaging (kg): 8.85 kg
- Product with packaging (lb): 19.47 lb

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*, 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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