Philips Brilliance
LCD monitor with
MultiView

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

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.

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

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

Brilliant performance
- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view
- Crystalclear UltraWide HD with 2560x1080 pixels
- Panoramic 21:9 AH-IPS screen gives brilliant images
- Display Port for daisy chain multi-display usage

PHILIPS

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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.

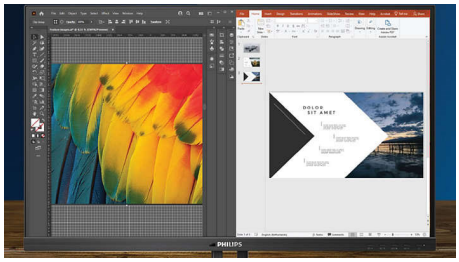
Crystalclear images

These 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. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

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/

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 On SmartKolor Off

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.

Crystalclear UltraWide HD | Flicker-free | Multiview | Ultra Narrow Bezel | SmartControl | SmartConnect | SmartKolor | Built-in Speaker | SmartTxt

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Specifications

Connectivity
- Signal Input: DisplayPort x 1, DVI-Dual Link (digital, HDCP), HDMI x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 29 inch / 73 cm
- Aspect ratio: 21:9
- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.262 x 0.262 mm
- Optimum resolution: 2560 x 1080 @ 60Hz
- Brightness: 300 cd/m²
- Display colors: 16.7 M (True 8 bit)
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000 :1
- Response time (typical): 14 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 672.76 (H) x 283.82 (V)
- Scanning Frequency: 30 - 90 kHz (H) / 56 - 75 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (Gray to Gray)

Convenience
- Built-in Speakers: 2Wx2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/XP
- 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)
- MultiView: PIP/PBP mode, 2x devices

Stand
- Tilt: -5/20 degree

Power
- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 33.3 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.3 W (typ)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

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

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

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TUV Ergo, TUV/GS, UL/cUL, WEEE

Cabinet
- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

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