Philips Brilliance
LCD monitor with
Webcam, MultiView

Quad HD

27" / 68.6cm 2560 x 1440 display

Brilliance

272C4QPJKAB

Crystalclear images, maximum performance

with MultiView

This Philips 27'' display will amaze you with its Crystalclear Quad HD 2560x1440 images and brilliant colors. MultiView allows active dual connect and view. Its 2mp webcam enables you to socialize.

Brilliant performance

- PLS Quad HD technology ensures 8 bit color, 109 ppi images
- Crystalclear images with Quad HD 2560x1440 pixels
- MultiView enables active dual connect and view at same time
- Webcam and mic keeps you connected with family and friends
- SmartConnect with HDMI, Display port and Dual link DVI
- Display Port for daisy chain multi-display usage
- Built-in stereo speakers for multimedia

Easy to experience

- SmartImage presets for easy optimized image settings
- SmartTxt for a optimized reading experience
- SmartKolor for rich vibrant images

Sustainable Eco-design

- PowerSensor saves up to 80% energy costs
- PVC-BFR free housing

PHILIPS

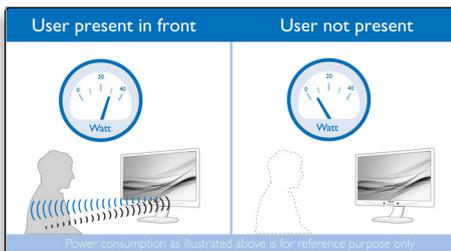sense **and** simplicity

Highlights

PLS Quad HD

This professional Philips display uses latest PLS Quad HD panel giving you ultra high-res brilliant wide angle images with 2560x1440 pixel resolution. With excellent 8 bit color depth combined with 109 ppi density, you can now enjoy professional true color sRGB images compared to limited 6 bit color depth displays with 82ppi density. Its higher brightness and lower power consumption relative to conventional wide view angle displays ensure you always have brilliant performance, while saving energy too. It's best suited for professional applications like CAD, Graphics design, Image rendering etc

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 or optional Thunderbolt, 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.

PowerSensor

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

Socialize with webcam

Embedded 2 megapixel webcam with superb, bright and crisp images enables you to socialize with your family and friends. Its sensitive microphone ensures that your voice carries through clearly. You can hear clear audio either from its built in stereo speakers, or attach your own headphones for private conversation. This simple built-in solution ensures that you don't have to tangle with installing camera and positioning microphones anymore.

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.
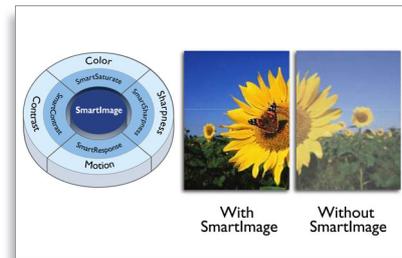
Display Port with Daisy Chain

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
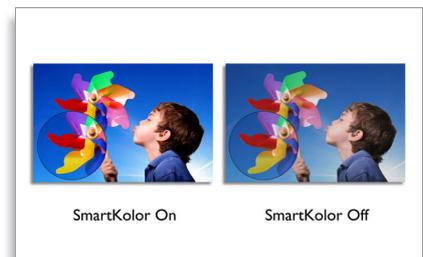
HDMI connector, or optional Thunderbolt, enabling you to enjoy high resolution uncompressed video and audio content. USB 3.0 option ensures that you can have super speed data transfers while having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

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.

Specifications

Picture/Display
- LCD panel type: PLS LCD
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Effective viewing area: 596.74 x 335.66 mm
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Response time (typical): 12 ms
- SmartResponse (typical): 6 ms (Gray to Gray)
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000 :1
- Pixel pitch: 0.233 x 0.233 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: DVI-Dual Link (digital, HDCP), DisplayPort, HDMIx2
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: PC audio-in, Headphone out

Convenience
- Built-in Speaker: 2Wx2
- Built-in webcam: 2.0 megapixel camera with microphone and LED monitor
- MultiView: PiP/PbP mode, 2x devices
- User convenience: SmartImage, Menu, Multiview, Power On/Off, PowerSensor
- 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: 38 W (EnergyStar 6.0 test method)
- Standby mode: 0.4W (typ)
- Off mode: Zero watts with Zero switch
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50-60Hz, Built-in

Dimensions
- Product with stand (mm): 639 x 495 x 197 mm
- Product without stand (mm): 639 x 405 x 64 mm
- Packaging in mm (WxHxD): 712 x 557 x 132 mm

Weight
- Product with stand (kg): 6.30 kg
- Product without stand (kg): 5.60 kg
- Product with packaging (kg): 8.40 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 Silver, PowerSensor, RoHS
- Recyclable packaging material: 100 %
- 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

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

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