Philips

LCD monitor with Webcam, MultiView

- Quad HD
- 27"/68.6 cm
- 2560 x 1440 display

272C4QPJKAB/00

Crystalclear images, maximum performance

with MultiView

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

Benefits

Brilliant performance

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

Easy to experience

Features

PLS Quad HD

This professional Philips display uses the latest PLS Quad HD panel giving you ultra high-res brilliant wide angle images with 2560x1440 pixel resolution. With excellent 8 bit colour depth combined with 109 ppi density, you can

- SmartImage presets for easy optimised image settings
- SmartKolor for rich vibrant images
- SmartTxt for an optimised reading experience

Sustainable Eco-design

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

now enjoy professional true colour sRGB images compared to limited 6 bit colour depth displays with 82ppi density. Its higher brightness and lower power consumption compared to conventional wide view angle displays ensure you always have brilliant performance, while saving energy too. It is
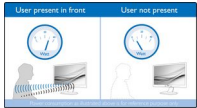
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best suited for professional applications like CAD, Graphics design, Image rendering etc.

Crystalclear images

These latest Philips screens deliver CrystalClear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilising high-performance panels with a high-density pixel count, 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 CrystalClear images.

PowerSensor

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

Socialise with webcam

Embedded 2 megapixel webcam with superb, bright and crisp images enables you to socialise 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 conversations. This simple built-in solution ensures you don't have to get in a tangle anymore with installing a camera and positioning microphones.

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.

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!

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!

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.

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

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	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 (Grey to Grey)
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 colours	16.7 M (True 8 bit)
Scanning Frequency	30 - 90 kHz (H) / 56 - 75 Hz (V)
sRGB	Yes

Connectivity

Signal Input	DVI-Dual Link (digital, HDCP) DisplayPort 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
Built-in webcam	2.0 megapixel camera with microphone and LED indicator
MultiView	PiP/PbP mode

data subject to change
2015, March 3

	2 x devices	
User convenience	SmartImage	
	Menu	
	Multi-view	
	Power On/Off	
	PowerSensor	
OSD Languages	Brazil Portuguese	
	Czech	
	Dutch	
	English	
	Finnish	
	French	
	German	
	Greek	
	Hungarian	
	Italian	
	Japanese	
	Korean	
	Polish	
	Portuguese	
	Russian	
	Simplified Chinese	
	Spanish	
	Swedish	
	Traditional Chinese	
	Turkish	
	Ukrainian	
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	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 (flashing)
Power supply	100-240 VAC, 50-60 Hz
	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 (W x H x D)	712 x 557 x 132 mm

Weight

Product with stand (kg)	6.30 kg
Product without stand (kg)	5.60 kg
Product with pack-aging (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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF	30,000 hour(s)

Sustainability

Environmental and energy	EnergyStar 6.0
	EPEAT 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
	cETLus
	FCC Class B
	GOST
	SASO
	SEMKO
	TCO 6.0
	TUV Ergo
	TUV/GS
	WEEE

Cabinet

Front bezel	Black
Rear cover	Black
Foot	Black
Finish	Texture

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