Philips

LCD monitor with SmartImage lite

• Ultra-Narrow Bezel
• 27"/68.6 cm
• MHL

274E5QDAB/00

Vibrant images with AH-IPS display

with Ultra-Narrow Bezel, MHL

This attractive Philips display with ultra-narrow bezel and AH-IPS screen gives you awesome, vibrant colour images. Mobile HD link allows you to mirror your Smartphone.

Benefits

Entertainment with Mobile HD Link (MHL)
• MHL technology for enjoying mobile content on a big screen
• HDMI-ready for Full HD entertainment
• Superb 12 watts stereo sound
• Charge your mobile device while watching a movie
• Optional MHL cable allows for HD video audio playback

Awesome picture quality
• AH-IPS display gives awesome images with wide viewing angles
• 16:9 Full HD display for the best viewing experience

• TrueVision ensures lab quality images
• SmartImage Lite for an enhanced LCD viewing experience

Stylish design
• Minimalistic looks with Ultra-Narrow Bezel
• Superb glossy and textured finish
• VESA mount for convenience

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Features

MHL technology

Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

HDMI Ready

HDMI ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

Superb 12 watts stereo sound

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.

AH-IPS technology

178°

IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and

web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

16:9 Full HD

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

TrueVision

TrueVision On   TrueVision Off

TrueVision is a proprietary Philips technology that uses an advanced algorithm for testing and aligning monitor display, which gives you the ultimate display performance. Philips ensures that TrueVision monitors leave the factory fine-tuned with this process giving you consistent colour and picture quality.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time with the press of a single button.

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.

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	27 inch/68.6 cm
Effective viewing area	597.89 (H) x 336.31 (V)
Aspect ratio	16:9
Optimum resolution	1920 x 1080 @ 60 Hz
SmartResponse (typical)	5 ms (Grey to Grey)
Brightness	250 cd/m²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.311 x 0.311 mm
Viewing angle	178° (H)/178° (V) @ C/R > 10
Picture enhancement	SmartImage Lite
Display colours	16.7 M
Scanning Frequency	30–83 kHz (H)/56–75 Hz (V)
MHL	1080p@30Hz
sRGB	Yes

Connectivity

Signal Input	MHL-HDMI (digital, HDCP)
	VGA (Analogue)
	DVI-D (digital, HDCP)
Sync Input	Separate Sync
	Sync on Green
Audio (In/Out)	PC audio-in
	Headphone out

Convenience

Built-in Speakers	6 watts x 2
User convenience	Power On/Off
	Menu
	Volume
	Input
	SmartImage lite
OSD Languages	Brazil Portuguese
	Czech
	Dutch

data subject to change
2015, February 19

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 7
	Windows 8

Stand

Tilt	-5/20 degree

Power

On mode	22.15 W (typ.) (EnergyStar 6.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White
	Standby mode - White (flashing)
Power supply	External
	100-240 VAC, 50-60 Hz

Dimensions

Product with stand (mm)	622 x 470 x 237 mm
Product without stand (mm)	622 x 375 x 46 mm
Packaging in mm (W x H x D)	667 x 546 x 106 mm

Weight

Product with stand (kg)	5.10 kg
Product without stand (kg)	4.88 kg
Product with packaging (kg)	7.14 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
	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/ISO9241-307
	WEEE

Cabinet

Colour	Black Cherry/Black
Finish	Glossy

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work
* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Smart response time is the optimum value from either GtG or GtG (BW) tests.

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