



LED-backlit LCD monitor

- E Line
- 27" (68.6 cm)
- Full HD (1920 x 1080)

277E6QDSD/27

Vivid colors, crisp details

in an elegant design

This brilliant IPS-ADS display offers stunning visuals wrapped in an elegance-inspired design for a light and fresh face in any home or office.

Benefits

Superb Picture Quality

- IPS-ADS wide-view technology for image and color accuracy
- 16:9 Full HD display for crisp detailed images
- TrueVision ensures lab quality images
- SmartImage Lite for easy optimized image settings
- SmartControl Lite: For quick and easy display tuning
- SmartContrast for deep black level details

Elegant Design

- Modern Touch controls complement the design
- Elegant, slim design complements your home decor
- Superb black cherry glossy finish

Experience immersive multimedia

- MHL technology for enjoying mobile content on big screen
- HDMI-ready for Full HD entertainment

PHILIPS

Features

IPS-ADS technology



IPS-ADS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS-ADS displays give you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

16:9 Full HD display



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 like 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 colors.

TrueVision



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

SmartImage Lite

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

SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Modern Touch controls



Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel.

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 you can 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 half way.

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	IPS-ADS 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 @ 60Hz
Response time (typical)	14 ms

SmartResponse (typical)	5ms (Grey to Grey)
Brightness	300 cd/m ²
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

data subject to change
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Display colors 16.7 M
 Scanning Frequency 30 -83 kHz (H) / 56 -75 Hz (V)
 sRGB Yes
 MHL 1080p@30Hz

Connectivity

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

Convenience

User convenience Power On/Off
 Menu
 4:3 / Wide
 Input
 SmartImage lite
 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
 Ukranian
 Other convenience Kensington lock
 Plug & Play Compatibility DDC/CI
 Mac OS X
 sRGB
 Windows 7
 Windows 8

Stand

Tilt -5/20 degree

Power

On mode 18.5 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 (blinking)
 Power supply External
 100-240VAC, 50-60Hz

Dimensions

Product with stand 640 x 478 x 235 mm
 (mm)

- * This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order 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.

Product with stand in 25.2 x 18.8 x 9.3 inch
 inch
 Product without 640 x 394 x 48 mm
 stand (mm)
 Product without 25.2 x 15.5 x 1.9 inch
 stand in inch
 Packaging in mm 682 x 542 x 109 mm
 (WxHxD)
 Packaging in inch 26.9 x 21.3 x 4.3 inch
 (WxHxD)

Weight

Product with stand 5.42 kg
 (kg)
 Product with stand 11.92 lb
 (lb)
 Product without 5.17 kg
 stand (kg)
 Product without 11.37 lb
 stand (lb)
 Product with pack- 6.86 kg
 aging (kg)
 Product with pack- 15.09 lb
 aging (lb)

Operating conditions

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

Sustainability

Environmental and EnergyStar 6.0
 energy EPEAT Silver
 RoHS
 Lead-free
 Mercury Free
 Recyclable packaging 100 %
 material

Compliance and standards

Regulatory Approvals BSMI
 CE Mark
 cETLus
 FCC Class B
 GOST
 PSB
 SASO
 SEMKO
 TCO 6.0
 TUV/ISO9241-307
 WEEE

Cabinet

Color Black Cherry
 Finish Glossy



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