

Philips
LCD monitor

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

277E6LDAD



Vivid colours, crisp details in an elegant design

Experience brilliant, crisp images like never before with this full HD display. With an elegant, slim design and SmartImage lite, it looks stunning from every angle!

Superb Picture Quality

- LED technology for brilliant colours and energy efficiency
- 16:9 Full HD display for crisp, detailed images
- SmartImage Lite for easy optimised image settings
- SmartContrast for deep black level details

Elegant Design

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

Experience immersive multimedia

- MHL technology for enjoying mobile content on a big screen
- HDMI-ready for Full HD entertainment
- Built-in 3 x 2-watt RMS speakers

PHILIPS

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Highlights

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

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.

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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 to allow users to adjust the monitor to their requirements. Responding to the 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 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

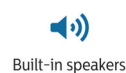


HDMI-ready

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

Built-in 3 x 2-watt RMS speaker

Now you can enjoy all your multimedia and social applications with stereo sound. These built-in speakers not only sound great, but also help you to get rid of external wire clutter and save valuable desktop space.



Specifications

Picture/Display

- LCD panel type: TFT-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
- Response time (typical): 1 ms (Grey to Grey)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.311 x 0.311 mm
- Viewing angle: 170° (H)/160° (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

Connectivity

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

Convenience

- Built-in Speakers: 3 W x 2
- User convenience: Power On/Off, Menu, Volume, 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, Ukrainian
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Tilt: -5/20 degree

Power

- On mode: 19.77 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): 640 x 478 x 235 mm
- Product without stand (mm): 640 x 394 x 48 mm
- Packaging in mm (W x H x D): 682 x 542 x 109 mm

Weight

- Product with stand (kg): 5.42 kg
- Product without stand (kg): 5.17 kg
- Product with packaging (kg): 6.86 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: 50,000 (excluding backlight) 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: CE Mark, FCC Class B, CU-EAC, SEMKO, TCO certified, cETLus, TUV/ISO9241-307, SASO, KUCAS, EPA, WEEE, KCC, RCM, VCCI

Cabinet

- Colour: Black Cherry
- Finish: Glossy

What's in the box?

- Monitor with stand
- Cables: VGA, DVI, HDMI, Audio, Power
- User Documentation



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Version: 3.0.1

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* 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

* For a complete list of MHL-enabled products, refer to www.mhlconsortium.org

* HDMI cables vary depending on region and models.

* Response time value equal to SmartResponse