



Philips
IPS LCD monitor, LED
backlight with SmartImage
Lite

- E-line
- 21.5" / 54.6 cm
- Full HD display

227E4QHSD

High performance IPS display

for brilliant, vivid colors

Experience brilliant LED pictures on this IPS wide-view display with elegant and slim design. With features like HDMI and SmartImage lite, it's a great choice!

Superb Picture Quality

- IPS LED wide view technology for image and color accuracy
- 16:9 Full HD display for best viewing experience
- TrueVision ensures lab quality images
- SmartImage Lite for an enhanced LCD viewing experience

Elegant Design

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

Experience multimedia

- HDMI-ready for Full HD entertainment
- High quality stereo headphone output

Greener everyday

- Low power consumption saves energy bills
- Mercury Free eco-friendly display

PHILIPS

Highlights

IPS technology



IPS 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 - even in 90 degree Pivot mode! Unlike standard TN panels, IPS 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.

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.

HDMI Ready



A 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.

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 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 that is 4 times more stringent than Windows sRGB requirements. Only Philips ensures each and every monitor that leaves the factory is fine tuned with this process so you can get consistent color and picture quality.

Touch controls

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

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances which affects humans and animals. This allows for an eco-friendly display throughout its life-cycle from manufacturing to disposal.



Specifications

Picture/Display

- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch / 54.6 cm
- Effective viewing area: 475.2 (H) x 267.3 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- SmartResponse (typical): 7 ms (Grey to Grey)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analog), HDMI
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: HDMI audio out

Convenience

- User convenience: SmartImage lite, Input, 4:3 / Wide, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

Stand

- Tilt: -5/20 degree

Power

- On mode: 26.3 W (EnergyStar 5.0 test method)

- Standby mode: 0.5 W
- Off mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

Dimensions

- Product with stand (mm): 510 x 398 x 179 mm
- Product without stand (mm): 510 x 314 x 37 mm
- Packaging in mm (WxHxD): 562 x 475 x 98 mm

Weight

- Product with stand (kg): 2.20 kg
- Product without stand (kg): 1.83 kg
- Product with packaging (kg): 3.74 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 5.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO 5.2, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet

- Color: Black Cherry
- Finish: Glossy



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