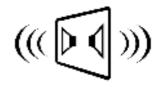Philips
IPS LCD monitor, LED backlight with SmartImage Lite

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

227E4QHAD

Built-in Speakers

High-performance IPS display

with stereo speakers

Experience brilliant LED pictures on this IPS wide-view display with elegant and slim design. With features like HDMI and stereo speakers, it's ready to entertain you!

Superb Picture Quality
• IPS LED wide view technology for image and colour accuracy
• 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
• Powerful sound with 2 x 2 watts RMS speakers

Greener every day
• Low power consumption saves energy bills
• Mercury Free eco-friendly display

PHILIPS

Highlights

IPS technology

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—even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, movies and web browsing, but also for professional applications, which demand colour accuracy and consistent brightness at all times.

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.

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.

Built-in stereo speakers

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.

TrueVision

TrueVision is a proprietary Philips technology that uses an advanced algorithm for testing and aligning the monitor display, which gives you the ultimate display performance 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 colour and picture quality.

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

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 @ 60 Hz
- 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 colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analogue), HDMI
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speaker: 2 W x 2
- User convenience: SmartImage lite, Input, Menu, Power On/Off, Volume
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

Stand
- Tilt: -5/20 degree

Power
- On mode: 26.5 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100-240 VAC, 50-60 Hz

Dimensions
- Product with stand (mm): 510 x 398 x 179 mm
- Product without stand (mm): 510 x 314 x 37 mm
- Packaging in mm (W x H x D): 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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
- Colour: Black Cherry
- Finish: Glossy

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