

Philips
LED monitor with Touch Control

23.6" (59.9 cm) E-line

Full HD

246EL2SBH

Great gaming experience on your big LED display!

This big 246EL2 Full HD display with Touch controls is ready to engage you in the gaming world

Great picture quality
- LED technology ensures natural colours
- Full HD LCD display, 1920 x 1080p resolution
- 16:9 display for best widescreen gaming and video
- SmartContrast 20,000,000:1 for incredible rich black details

Design that complements any interior
- Glossy finish to enhance your decor
- Modern Touch controls
- Small footprint to blend into any lifestyle

Experience true multimedia
- HDMI-ready for top quality, multimedia experience

Great convenience
- Easy display performance tuning with SmartControl Lite
- Easy picture format control switching between wide and 4:3 formats

PHILIPS
sense and simplicity

Highlights

LED technology

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

Full HD 1920 x 1080p LCD display

This display has a resolution that is referred to as Full HD. With state-of-the-art LCD screen technology it has the full high-definition widescreen resolution of 1920 x 1080p. It allows the best possible picture quality from any format of HD input signal. It produces brilliant flicker-free pictures with optimum brightness and superb colours. This vibrant and sharp image will provide you with an enhanced viewing experience.

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.

SmartContrast ratio 20,000,000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

16:9 widescreen aspect ratio

An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

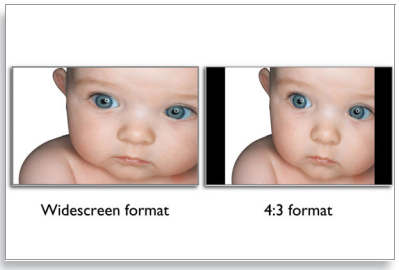
Touch controls

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

SmartControl Lite

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

Easy picture format control



Philips easy picture format control on OSD switches from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content; it allows you to work with wide documents without scrolling or viewing widescreen media in the widescreen mode and gives you distortion-free, native mode display of 4:3 ratio content.

Full HD 1080p
LED White LED
20,000,000:1 SmartContrast
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
SmartImage Lite
Touch control
5ms
4:3 wide
Compatible with Windows 7

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23.6" (59.9 cm) E-line Full HD

246EL2SBH/00

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 23.6 inch/59.9 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 300 cd/m²
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.272 x 0.272 mm
- Viewing angle: 178° (H) / 170° (V), @ C/R > 5
- 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

Convenience
- User convenience: SmartImage lite, Input, 4:3 / Wide, Menu, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: VESA mount (100 x 100 mm), Kensington lock
- Plug and Play Compatibility: DDC/CI, Windows 7 / Vista, Mac OS X, sRGB

Stand
- Tilt: -5/ +15 degree

Power
- On mode: 18.9 W (EnergyStar 5.0 test method)
- Standby mode: < 0.5 W
- Off mode: < 0.5 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions
- Product with stand (mm): 565 x 408 x 199 mm
- Product without stand (mm): 565 x 349 x 57 mm
- Packaging in mm (W x H x D): 619 x 417 x 128 mm

Weight
- Product with stand (kg): 4.24 kg
- Product without stand (kg): 4.06 kg
- Product with packaging (kg): 5.35 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% %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: RoHS, EPEAT Silver, EnergyStar 5.0
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, UL/cUL

Cabinet
- Colour: Black/Black
- Finish: Glossy

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Version: 2.0.1

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