



Philips  
LCD widescreen monitor

15.6" w (39.6 cm) E-line  
1366x768 HD

160E1SB1

## HD 16:9 display with Glossy design

Enjoy more with this Vista-ready wide screen HD quality display! The 160E1 comes with an attractive Glossy finish and easy to use features - All in a budget friendly package.

### **Best Value for Money**

- Ready to display HD content
- Fast 8ms On/off response time: Great text & graphics display
- SmartContrast 6000:1 for incredible rich black details
- 16:9 display for best widescreen gaming and video
- Consumes only 0.5 Watt in standby mode
- Complies with RoHS standards to care for the environment
- Empowered for Windows Vista
- Energy Star for energy efficiency and low power consumption

### **Great convenience**

- Easy picture format control switching in wide and 4:3 format
- sRGB ensures color matching between display and printouts

# PHILIPS

# Highlights

## High definition monitor

A high definition monitor is a display device designed to deliver the exceptional picture quality of high definition pictures, one fully prepared for HD sources like HD set top boxes. A HD monitor offers picture quality beyond that of progressive scan, conforming to strict standards for HD screens that display high resolution, top picture quality signals through a universal connection for either analog VGA or uncompressed DVI digital connections and supports HDCP. It displays 720p (1280x720p @ 50 and 60 Hz progressive) and 1080i (1920x1080i @ 50 and 60 Hz interlaced) signals.

## 8ms response time (On/Off)

On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

## SmartContrast ratio 6000:1

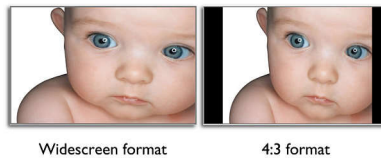


You want the LCD display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of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

## 16:9 widescreen aspect ratio

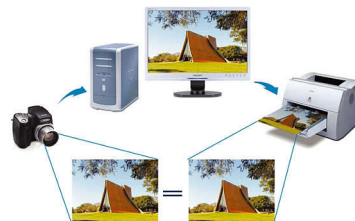
An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom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

## Easy picture format control



Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

## sRGB ready



sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

## 0.5 Watt Standby mode

0.5 Watt power consumption in standby mode is a function of intelligent engineering and

advance design that helps you do your share to protect the environment by reducing energy consumption as you save real money on your energy bills.

## Energy Star



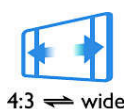
Energy Star-labeled home electrical products are designed to use less energy - saving you money while reducing environmental pollution. In fact, Energy Star-compliant products consume less than 1 watt of power while in standby mode. As an Energy Star partner, Philips develops products that meet the Energy Star guidelines for energy efficiency. This is achieved by having low standby power consumption through innovatively designed standby circuitry and stringent selection of components made with high efficiency materials.

## Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

## Windows Vista ready

Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.



# Specifications

## Connectivity

- Signal Input: VGA (Analog)
- Sync Input: Separate Sync, Sync on Green

## Picture/Display

- Panel Size: 15.6 inch/39.5 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Pixel pitch: 0.252 x 0.252 mm
- Optimum resolution: 1366 x 768 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 500:1
- SmartContrast: 6000:1
- Response time (typical): 8 ms
- Viewing angle: 90° (H) / 65° (V), @ C/R &gt; 10
- Scanning Frequency: 30 - 60 kHz (H) / 56 - 76 Hz (V)
- sRGB

## Convenience

- Plug & Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, sRGB
- User convenience: Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, Russian, Simplified Chinese, Spanish, Portuguese, Korean
- Other convenience: VESA mount (75x75mm), Kensington lock

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: < 0.5 W
- On mode: 20 W (typ.)
- Power LED indicator: Operation - green, Stand by/sleep - Amber

## Dimensions

- Product with stand (mm): 156 x 303 x 376 mm
- Packaging in mm (WxHxD): 145 x 323 x 439 mm
- Product without stand (mm): 59 x 244 x 376 mm

## Weight

- Product with packaging (kg): 4.1 kg
- Product with stand (kg): 2.7 kg
- Product without stand (kg): 2.51 kg

## Operating conditions

- Temperature range (operation): 0 - 40 °C
- MTBF: 40,000 hour(s)
- Relative humidity: 20 - 80 %
- Temperature range (storage): -20 - 60 °C

## Sustainability

- Environmental and energy: RoHS, Energy Star

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, UL/cUL

## Cabinet

- Color: Black
- Finish: Glossy



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