Philips
LED Monitor

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

160EL1SB

LED display: Contrast has never been better!!

This Eco friendly LED display comes with a superb 1000000:1 contrast ratio. With Natural colors, SmartContrast and Glossy finish, the 160EL1 is a great choice for all your needs

Environmentally friendly green design
- Mercury Free eco-friendly display
- Complies with RoHS standards to care for the environment
- 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

Great picture quality
- 16:9 display for best widescreen gaming and video
- Fast 8ms On/off response time:Great text & graphics display
- SmartContrast 1,000,000:1 for incredible rich black details
- LED technology ensures natural colors

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

PHILIPS

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 LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

SmartContrast ratio 1000000:1

With SmartContrast   Without SmartContrast

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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

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 reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.
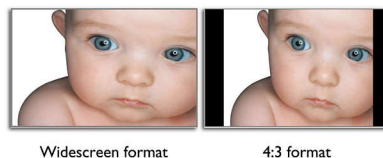
Compliant with RoHS standards

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.
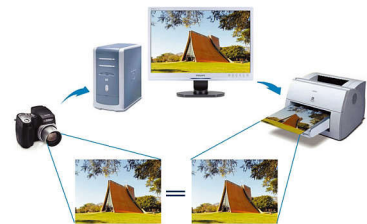
Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from www.energystar.gov

Easy picture format control

Widescreen format   4:3 format

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.

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.

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.

Glossy finish

An attractive, elegantly finished glossy finish that fits in with and complements your decor.

Small footprint

Small footprint to blend into any lifestyle

Specifications

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

Picture/Display
- Panel Size: 15.6 inch / 39.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.252 x 0.252 mm
- Optimum resolution: 1366 x 768 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- SmartContrast: 1,000,000:1
- Response time (typical): 8 ms
- Viewing angle: 110° (H) / 85° (V), @ C/R > 5
- Scanning Frequency: 30 - 60 kHz (H) / 56 - 76 Hz (V)
- sRGB

Convenience
- Plug & Play Compatibility: DDC/CI, Windows 7/Vista/XP/2000/98, 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: <0.5W
- On mode: 9.5W (EnergyStar 5.0 test method)
- Standby mode: <0.8W
- Power LED indicator: Operation - green, Stand by/sleep - Amber

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

Weight
- Product with packaging (kg): 4.08 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: EPEAT Silver, RoHS, EnergyStar 5.0

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

Cabinet
- Color: Black
- Finish: Glossy