



Philips Brilliance
IPS LCD monitor, LED
backlight with
PowerSensor

- P-line
- 23" / 58.4cm
- Full HD IPS display

Brilliance

235PQ2EB



Sustainable eco design display

with PowerSensor saves energy bills

The Philips PowerSensor IPS LED display using 65% recycled plastic and PVC, BFR free housing is ideal for eco-friendly productivity

Sustainable Eco-design

- PowerSensor saves up to 80% energy costs
- 65% post consumer recycled plastics with TCO Edge
- EPEAT Gold ensures lowest impact on environment
- PVC-BFR free housing

Brilliant performance

- IPS LED wide view technology for image and color accuracy
- DisplayPort offers audio and video over a single, long cable
- Built-in stereo speakers for multimedia

Designed for people

- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

Easy to experience

- SmartImage presets for easy optimized image settings
- USB port for convenient peripheral connections

PHILIPS

Highlights

PowerSensor



PowerSensor On

PowerSensor Off

PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

IPS technology



IPS

TN

IPS displays uses 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 gives 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.

DisplayPort

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing

and more. It also keeps interoperability in mind via use of various adapters.

SmartErgoBase

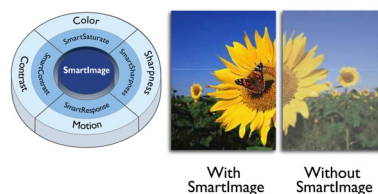
The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

Low bezel-to-table height



The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

SmartImage



With SmartImage

Without SmartImage

SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection,

SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. GOLD certification ensures that at least 30% of plastic used is Post Consumer Resin, which ensures reduction in use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

TCO Edge

TCO Edge certification is given to products which go beyond existing eco-labeling programs. Over and above standard TCO requirements, it further mandates that the product uses minimum 65% of post consumer recycled plastics, is energy efficient, uses minimal hazardous materials, has 100% recyclable packaging, and is designed for easy recycling amongst other requirements. You can rest assured that this Philips monitor is a cutting edge technology product which is best in class ICT, benefitting you and the planet while helping you make a responsible green IT purchase!

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.



Specifications

Picture/Display

- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 23 inch / 58.4 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 14 ms
- SmartResponse (typical): 7ms (Gray to Gray)
- Brightness: 250 cd/m²
- SmartContrast: 20,000,000:1
- Contrast ratio (typical): 1,000:1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

Connectivity

- Signal Input: DisplayPort, DVI-D (digital, HDCP), VGA (Analog)
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: PC audio-in, Headphone out, Stereo Audio

Convenience

- Built-in Speaker: 1.5W x 2
- User convenience: SmartImage, PowerSensor, Volume, Menu, Power On/Off
- Control software: SmartControl Premium
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP

Stand

- Height adjustment: 130 mm
- Pivot: Yes (auto pivot)
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power

- ECO mode: 18.3W (typ.)
- On mode: 27.6W (EnergyStar 5.0 test method)
- Standby mode: 0.1W
- Off mode: 0.1W
- Power LED indicator: Standby mode- White (blinking), Operation - White
- Power supply: 100-240VAC, 50/60Hz, Built-in

Dimensions

- Product with stand (mm): 566 x 517 x 250 mm
- Product without stand (mm): 566 x 360 x 57 mm
- Packaging in mm (WxHxD): 672 x 268 x 434 mm

Weight

- Product with stand (kg): 6.40 kg
- Product without stand (kg): 4.20 kg
- Product with packaging (kg): 8.10 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: PowerSensor, EnergyStar 5.0, EPEAT Gold, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 65%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards

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

Cabinet

- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture



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