Feature-packed display for increased productivity

With features like SmartImage, SmartControl and 0.1 watt soft-off mode, the energy efficient Philips 221S3 increases your productivity.

**Sustainable Eco-friendly solution**
- EPEAT Silver ensures lower impact on environment
- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption
- SmartPower: Up to 50% power saving
- 0.1 watt Soft-Off mode

**Outstanding display performance**
- LED technology ensures natural colours
- SmartImage: Optimised user-friendly display experience
- SmartContrast: For incredible rich black details

**Great convenience**
- Modern Touch controls
- Dual input accepts both analogue VGA and digital DVI signals
- Easy display performance tuning with SmartControl Premium
- Screen tilts to your ideal, individualised viewing angle
**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 the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

**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.

**SmartImage**
SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user-friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour 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!

**SmartPower**
SmartPower is an artificial intelligent technology which dynamically analyses the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

**Dual input**
Dual input provides connectors to accommodate input of both analogue VGA and digital DVI signals.

**EPEAT Silver**
Philips EPEAT Silver certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. The EPEAT programme helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

**Energy Star 5.0**
Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards and 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 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov.

**Adjustable tilt**
Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

**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.

**SmartContrast**
SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.
Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch/54.6 cm
- Effective viewing area: 476.6 (H) x 268.1 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 176º (H)/170º (V), @ C/R > 5
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analogue), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

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

Stand
- Tilt: -5/20 degree

Power
- ECO mode: 11.8 W (typ.)
- On mode: 16.81 W (EnergyStar 5.0 test method)
- Standby mode: 0.1 W
- Off mode: 0.1 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): 507 x 402 x 201 mm
- Product without stand (mm): 507 x 323 x 59 mm
- Packaging in mm (W x H x D): 565 x 461 x 131 mm

Weight
- Product with stand (kg): 3.85 kg
- Product without stand (kg): 3.44 kg
- Product with packaging (kg): 5.13 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20–80% 
- MTBF: 30,000 hour(s)

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

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TCO 5.1, TÜV Ergo, TÜV/GS, UL/cUL

Cabinet
- Colour: Silver
- Finish: Texture