Philips Brilliance
LCD monitor, LED
backlight

B Line
22" (55.9 cm)
1680 x 1050

220B4LPCB

Sustainable eco design display

with PowerSensor saves energy bills

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

Excellent performance
- Built-in stereo speakers for multimedia
- LED technology ensures natural colours
- TrueVision ensures lab quality images

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

Sustainable Eco-design
- Zero power consumption with 0 watt hard switch
- PVC-BFR free housing
- 65% post-consumer recycled plastics with TCO Edge
- PowerSensor saves up to 80% energy costs

Easy to experience
- USB Hub with 2 ports for easy connections
- SmartImage pre-sets for easy optimised image settings

PHILIPS

Highlights

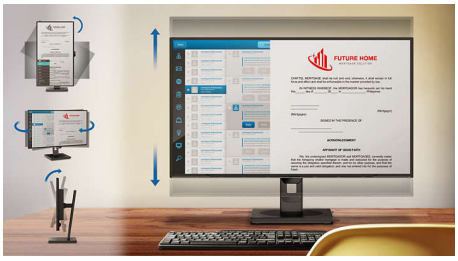
PowerSensor

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

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.

SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

Low bezel-to-table height

Thanks to its advanced SmartErgoBase, the Philips monitor 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 users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.

Built-in stereo speakers

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

2 Ports USB 2.0 HUB

USB Hub allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which have USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass through to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB Hub can provide.

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your 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 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 at the touch of a single button!

TrueVision

TrueVision On

TrueVision Off

TrueVision is a proprietary Philips technology that uses an advanced algorithm for testing and aligning monitor display, which gives you the ultimate display performance. Philips ensures that TrueVision monitors leave the factory fine-tuned with this process giving you consistent colour and picture quality.

PowerSensor LED SmartErgo Base Built-in Speaker USB 2x SmartImage TrueVision TCO edge CERTIFIED Zero Power Switch

LCD monitor, LED backlight
B Line 22" (55.9 cm), 1680 x 1050

220B4LPCB/00

Specifications

Connectivity
- Signal Input: DVI-D (digital, HDCP), VGA (Analogue)
- USB: USB 2.0 x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 22 inch/55.9 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.282 x 0.282 mm
- Optimum resolution: 1680 x 1050 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 473.76 (H) x 296.1 (V)
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

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

Stand
- Height adjustment: 110 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power
- ECO mode: 11.7 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: Zero watts with Zero switch
- On mode: 14.61 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions
- Product with stand (mm): 504 x 509 x 227 mm
- Packaging in mm (W x H x D): 565 x 391 x 186 mm
- Product without stand (mm): 504 x 349 x 59 mm

Weight
- Product with packaging (kg): 7.05 kg
- Product with stand (kg): 5.20 kg
- Product without stand (kg): 3.38 kg

Operating conditions
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: PowerSensor, EnergyStar 7.0, RoHS, TCO Certified Edge
- Post-consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

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

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

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