



Philips

LCD monitor, LED backlight with PowerSensor

- B Line
- 21.5" / 54.6 cm

221B3LPCB/02

Innovative PowerSensor display saves energy bills

Eco-friendly, EPEAT Gold certified Philips Business Line 221B3 LED display with intelligent PowerSensor detects user presence and adjusts power consumption saving up to 80% of energy bills!

Benefits

Sustainable Eco-friendly solution

- PowerSensor ensures lower operating costs by saving energy
- Mercury Free eco-friendly display
- ZeroWatt switch 100% power saving
- EPEAT Gold ensures lowest impact on environment
- 0.1 watt Soft-Off mode

Ergonomic design

- 110mm height adjustment for ideal sitting position

Outstanding display performance

- LED technology ensures natural colors
- SmartImage: Optimized user-friendly display experience

Great convenience

- USB Hub with 2 ports for easy connections
- Stylish SmartTouch controls
- Built-in speakers for audio without desktop clutter

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Features

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.

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.

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.

Zero Switch

In line with Philips' commitment to "Sense and Simplicity" we enable you to make a responsible choice to switch OFF your monitor at any given time. At the touch of a single ON/OFF button which is conveniently located at the back of the monitor, the monitors' energy consumption is reduced to Zero. In the OFF mode, the monitor is completely cut off from AC power and thereby reducing your carbon footprint even further.

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.

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, Image, Entertainment, 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!

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 has USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass thru 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.

SmartTouch controls



SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

110mm height adjustment

The Super Ergo Base is a 'people friendly' Philips monitor base that not only tilts and swivels, but is also height adjustable and pivots to 90 degree, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.

Specifications

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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 @ 60Hz
Response time (typical)	5 ms
Brightness	250 cd/m ²
Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.248 x 0.248 mm
Viewing angle	176° (H) / 170° (V) @ C/R > 5
Picture enhancement	SmartImage
Display colors	16.7 M
Scanning Frequency	30 - 83 kHz (H) / 56 - 75 Hz (V)
sRGB	Yes

Connectivity

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

Convenience

Built-in Speakers	1.5W x 2
User convenience	SmartImage Volume Power On/Off PowerSensor Menu
OSD Languages	English French

Other convenience	German	Product without stand (kg)	3.40 kg
	Italian	Product with packaging (kg)	7.12 kg
	Portuguese	Operating conditions	
	Russian		
	Simplified Chinese		
	Spanish		
Plug & Play Compatibility	VESA mount (100x100mm)	Temperature range (operation)	0°C to 40°C °C
	Kensington lock	Temperature range (storage)	-20°C to 60°C °C
	DDC/CI	Relative humidity	20%-80 %
	Mac OS X	MTBF	30,000 hour(s)
	sRGB	Sustainability	
	Windows 7/Vista/XP		
Stand		Environmental and energy	EnergyStar 5.0 EPEAT Gold* RoHS
Height adjustment	110 mm	Recyclable packaging material	100 %
Pivot	Yes (auto pivot)	Compliance and standards	
Swivel	-65/65 degree		
Tilt	-5/20 degree		
Power			
ECO mode	11.8 W (typ.)	Regulatory Approvals	BSMI CE Mark FCC Class B GOST SEMKO TCO 5.1 TUV/GS TUV Ergo UL/cUL
On mode	17.8 W (EnergyStar 5.0 test method)	Cabinet	
Standby mode	0.1 W		
Off mode	0 W (AC switch)		
Power LED indicator	Operation - White Standby mode- White (blinking)		
Power supply	100-240VAC, 50-60Hz Built-in	Color Finish	Black Texture
Dimensions			
Product with stand (mm)	507 x 480 x 227 mm		
Product without stand (mm)	507 x 323 x 59 mm		
Packaging in mm (WxHxD)	568 x 361 x 186 mm		
Weight			
Product with stand (kg)	5.30 kg		

* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.



data subject to change
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