



Philips  
LCD widescreen monitor

51 cm (20")  
WSXGA

200WB7ES

## Bigger, wider screen: better business productivity

With a big, widescreen, performance-enhancing comfort, value-added convenience features and great cost benefit ratio, the 200WB7 is the smart choice for business productivity.

### **Best total cost of ownership solution**

- Empowered for Windows Vista

### **Outstanding front of screen performance**

- WSXGA+, wide format 1680 x 1050 resolution for sharper display
- Fast 8 ms On/off response time: Great text and graphics display
- Dual input accepts both analogue VGA and digital DVI signals

### **Maximum comfort for maximum productivity**

- SmartManage compatibility enables LAN-based asset management
- 90-degree screen rotation and smart cable management
- Tilt and swivel adjustment for the ideal viewing angle
- Display more images and content without scrolling

### **Great convenience**

- USB port for convenient peripheral connections
- Easy to adjust display settings with Philips SmartControl
- Easy plug-and-play DVI for a true digital experience

# PHILIPS

# Highlights

## Windows Vista-ready

Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organising information for work or play quick, efficient and easy.

## WSXGA+, wide format 1680 x 1050

Wide format, super extended graphics array is a display specification that is capable of displaying 1680 x 1050 resolution or approximately 1.7 million pixels.

## 8 ms 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 artefacts in the display of transition of text and graphics. On-Off response time is a more important measure in the display of business content such as documents, graphs and photos.

## Dual input

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

## SmartManage enabled

SmartManage is a system for monitoring, managing and checking the status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

## Super Ergo Base

The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent 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 working day; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

## Screen tilt and swivel

Screen tilt and swivel mechanism built into the base permits the monitor to swivel and tilt backwards or forwards.

## Large viewing area

Viewing area is the visible portion of a monitor screen available for displaying data.

## USB 2.0 port

The USB port allows the 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 that use USB connection. The conveniently located USB 2.0 port 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 port can provide.

## SmartControl

PC software for fine-tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

## In-box DVI cable

A DVI cable is shipped with the product to provide high-quality digital display.

# Specifications

## Picture/Display

- LCD panel type: 1680 x 1050 pixels, Anti-glare polariser, RGB vertical stripe
- Panel Size: 20.1"/51 cm
- Effective viewing area: 433.4 x 270.9 mm
- Pixel pitch: 0.258 x 0.258 mm
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 600:1
- Display colours: 16.2 M
- Viewing angle: 160° (H) / 145° (V), @ C/R > 5
- Response time (typical): 8 ms
- White Chromaticity, 6500K: x = 0.313/y = 0.329
- White Chromaticity, 9300K: x = 0.283/y = 0.297
- Maximum Resolution: 1680 x 1050 @ 60 Hz (digital input)
- Optimum resolution: 1680 x 1050 @ 60 Hz (digital input)
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30–98 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Aspect ratio: 16:10
- sRGB

## Connectivity

- Signal Input: VGA (Analogue), DVI-D
- USB: USB 2.0 x 1
- Sync Input: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

## Convenience

- User convenience: On-screen Display, SmartManage enabled
- Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug and Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory approvals: CE Mark, Energy Star, FCC-

- B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Swivel: +/- 45°
- Tilt: -5° to 25°
- Pivot: 90° (anti-clockwise)
- VESA Mount: 100 x 100 mm

## Accessories

- Included accessories: AC Power Cord, DVI-D cable, USB cable, VGA cable
- User Manual

## Dimensions

- Box dimensions (W x H x D): 579 x 513 x 267 mm
- Box dimensions in inch (W x H x D): 22.8 x 20.2 x 10.5 inch
- Set dimensions (W x H x D): 483 x 338.5 x 68.7 mm
- Set dimensions in inch (W x H x D): 19 x 13.3 x 2.7 inch
- Set dimensions with stand (W x H x D): 483 x 402 x 215.3 mm
- Set dimensions with stand in inch (W x H x D): 19 x 15.8 x 8.5 inch
- Height adjustment range: 130 mm
- Height adjustment range (inch): 5.1 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 8.6 kg
- Product weight (+stand) (lb): 18.9 lb
- Weight incl. Packaging: 10.7 kg
- Weight incl. Packaging (lb): 23.6 lb

## Power

- Complies with: Energy Star
- Consumption (On mode): 50 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Standby/sleep - Amber
- Power supply: Built-in, 100-240 VAC, 50/60 Hz



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