



Philips  
LCD widescreen monitor

51 cm (20")  
WSXGA

200WB7EB

## 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.

### Maximum comfort for maximum productivity

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

### Outstanding front of screen performance

- Fast 8ms On/off response time: Great text & graphics display
- WSXGA+, wide format 1680x1050 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals

### Great convenience

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

### Best total cost of ownership solution

- Empowered for Windows Vista

# 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 organizing information for work or play quick, efficient and easy.

## WSXGA+, wide format 1680x1050

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.

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

## Dual input



VGA connector



DVI connector

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

## SmartManage enabled

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

## Large viewing area

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

## 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 workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

## Screen tilt and swivel

Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

## USB 2.0 port



USB port 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 port 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 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

## Connectivity

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

## Picture/Display

- Panel Size: 20.1"/ 51 cm
- Aspect ratio: 16:10
- LCD panel type: 1680 x 1050 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.258 x 0.258 mm
- Optimum resolution: 1680 x 1050 @ 60Hz (digital input)
- Brightness: 300 cd/m<sup>2</sup>
- Display colors: 16.2 M
- Contrast ratio (typical): 600:1
- Response time (typical): 8 ms
- Viewing angle: 160° (H) / 145° (V), @ C/R &gt; 5
- Horizontal Scanning Frequency: 30 - 98 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- Maximum Resolution: 1680 x 1050 @ 60Hz (digital input)
- Effective viewing area: 17.1 x 10.7 inch
- sRGB
- Video Dot Rate: 205 MHz
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297

## Convenience

- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- User convenience: On-screen Display, SmartManage enabled
- Pivot: 90° (counter-clockwise)
- Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Power On/Off
- Regulatory approvals: CE Mark, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, Portuguese, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Swivel: +/- 45°

- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

## Power

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

## Dimensions

- Box depth: 267 mm
- Set width (with stand): 483 mm
- Box height: 513 mm
- Set width (with stand) (inch): 19 inch
- Box width: 579 mm
- Set height (with stand): 402 mm
- Set height (with stand) (inch): 15.8 inch
- Set Width: 483 mm
- Height adjustment range: 130 mm
- Set depth (with stand): 215.3 mm
- Set Height: 338.5 mm
- Set Depth: 68.7 mm
- Set depth (with stand) (inch): 8.5 inch
- Set Width (inch): 19 inch
- Temperature range (operation): 0°C to 35°C
- Set Height (inch): 13.3 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.7 inch
- Box depth (inch): 10.5 inch
- Box height (inch): 20.2 inch
- Box width (inch): 22.8 inch
- 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
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Height adjustment range (inch): 5.1 inch

## Accessories

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



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