



Philips  
LCD widescreen monitor

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.

### Outstanding front of screen performance

- WSXGA, wide format 1680x1050 resolution for sharper display
- Fast 8-ms On/off response: 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
- Screen tilt and swivel adjustment for an 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
- Embedded power supply eliminates external power adaptors

**PHILIPS**

## Technical 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: @ C/R > 5**
- **Viewing Angle (H / V):** 160 / 145 degree
- **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 @ 60Hz (digital input)
- **Recommended resolution:** 1680 x 1050 @ 60Hz (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:** Analogue (VGA), DVI-D
- **USB:** 1 x USB 2.0
- **Video sync input signal:** 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

- **Convenience enhancements:** 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 & Play compatibility:** DDC/CI, sRGB, Windows 98/ME/2000/XP

- **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° (counter-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 (incl. 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:** 50 W (Typical)
- **Off Mode:** < 1 W
- **Power LED indicator:** Operation - Green, Standby / sleep - Amber
- **Power supply:** Built in, 100-240VAC, 50/60Hz

## Product highlights

### 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.

### 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, 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

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

### SmartManage enabled

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 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 and permits the monitor to swivel and tilt backward or forward.

### Large viewing area

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

### USB 2.0 port

The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. A port located on a monitor directly in the user's line of sight provides easy, high-speed connectivity for USB devices at a convenient location. (USB 2.0 support is dependent on your PC's USB configuration; when connected to a PC that supports USB 2.0, your monitor is USB 2.0 compatible)

### 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 box DVI cable

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

### Embedded power supply

An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.



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