



Philips Brilliance  
LCD widescreen monitor

58 cm (23")  
WUXGA

230WP7NS

## Boost your professional productivity

A professional LCD display designed for business: The big, widescreen Philips 230WP7 gets the job done better with triple input options and super-wide viewing angle while an ergonomic base and USB solution add comfort and convenience.

### Designed for maximum productivity

- Designed for 'just-right' height and angle adjustment
- Big, widescreen ideal for viewing two A4 pages side-by-side
- 90 degree screen rotation and smart cable management

### Outstanding front of screen performance

- WUXGA, wide format 1920x1200 resolution for sharper display
- Three signal input options for maximum display flexibility
- Widest viewing angle up to 178 degrees

### Best total cost of ownership solution

- Power consumption below the industry average
- SmartManage compatibility enables LAN-based asset management
- Empowered for Windows Vista

### Great convenience

- Easy to adjust display settings with Philips SmartControl
- Built-in high-speed USB 2.0 solution for easy connections

# PHILIPS

# Highlights

## Widescreen

A big, widescreen display that improves productivity by displaying two A4 pages side-by-side.

## 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.

## Ergonomics design

Ergonomic design makes Philips monitors 'people friendly' with tilt, swivel and height adjustment so each user can position the monitor for maximum viewing comfort and efficiency.

## 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.

## 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.

## Lower power consumption

Reduction of the electrical power required to operate a device.

## WUXGA, wide format 1920 x 1200

Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

## Widest viewing angle (178°)

The widest viewing angle up to 178 degree provides the clearest display from any angles.

## Triple input

Triple input is a means for displaying digital and analog signals. A triple input monitor provides

one D-Sub (VGA) and one DVI-I interface connector. The DVI-I interface connector accepts either a digital or an analog signal input via optional adapter for maximum display flexibility and 'insurance' from your monitor obsolete.

## USB connectivity solution

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. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

## 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.

# Specifications

## Connectivity

- Signal Input: VGA (Analog ), DVI-I, DVI-D
- USB: USB 2.0 x 4
- 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: 23" / 58.4 cm
- Aspect ratio: 16:10
- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.258 x 0.258 mm
- Optimum resolution: 1920 x 1200 @ 60Hz (digital input)
- Brightness: 300 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 700:1
- Response time (typical): 12 ms
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Horizontal Scanning Frequency: 30 - 94 kHz
- Vertical Scanning Frequency: 56 - 85 Hz
- Maximum Resolution: 1920 x 1200 @ 60Hz (digital input)
- Effective viewing area: 495.4 x 309.6 mm
- 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, 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, German, Italian, Russian, 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): 75 W (Typical)
- Power LED indicator: Stand by/sleep - Amber, Operation - green
- Complies with: Energy Star
- Consumption (Off Mode): < 2 W

## Dimensions

- Box depth: 305 mm
- Set width (with stand): 548 mm
- Box height: 547 mm
- Set width (with stand) (inch): 21.6 inch
- Box width: 655 mm
- Set height (with stand): 422.6 mm
- Set height (with stand) (inch): 16.6 inch
- Set Width: 548 mm
- Height adjustment range: 130 mm
- Set depth (with stand): 215.3 mm
- Set Height: 380.4 mm
- Set Depth: 87.6 mm
- Set depth (with stand) (inch): 8.5 inch
- Set Width (inch): 21.6 inch
- Temperature range (operation): 0°C to 35°C
- Set Height (inch): 15 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 3.5 inch
- Box depth (inch): 12 inch
- Box height (inch): 21.5 inch
- Box width (inch): 25.8 inch
- Product weight (+stand): 9.6 kg
- Product weight (+stand) (lb): 21.1 lb
- Weight incl. Packaging: 11.8 kg
- Weight incl. Packaging (lb): 26 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

