



Philips Brilliance  
LCD widescreen monitor

58 cm (23")  
WUXGA

**Brilliance**

**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**

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

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

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

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

- WUXGA, wide format 1920 x 1200 resolution for sharper display
- Widest viewing angle up to 178 degrees
- Three signal input options for maximum display flexibility

### **Great convenience**

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

**PHILIPS**

# Specifications

## Picture/Display

- LCD panel type: 1920 x 1200 pixels, Anti-glare polariser, RGB vertical stripe
- Panel Size: 23"/58.4 cm
- Effective viewing area: 495.4 x 309.6 mm
- Pixel pitch: 0.258 x 0.258 mm
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 700:1
- Display colours: 16.7 M
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Response time (typical): 12 ms
- White Chromaticity, 6500K: x = 0.313/y = 0.329
- White Chromaticity, 9300K: x = 0.283/y = 0.297
- Maximum Resolution: 1920 x 1200 @ 60 Hz (digital input)
- Optimum resolution: 1920 x 1200 @ 60 Hz (digital input)
- Video Dot Rate: 205 MHz
- Horizontal Scanning Frequency: 30–94 kHz
- Vertical Scanning Frequency: 56–85 Hz
- Aspect ratio: 16:10
- sRGB

## Connectivity

- Signal Input: VGA (Analogue), DVI-I, DVI-D
- USB: USB 2.0 x 4
- 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, 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): 655 x 547 x 305 mm
- Box dimensions in inch (W x H x D): 25.8 x 21.5 x 12 inch
- Set dimensions (W x H x D): 548 x 380.4 x 87.6 mm
- Set dimensions in inch (W x H x D): 21.6 x 15 x 3.5 inch
- Set dimensions with stand (W x H x D): 548 x 422.6 x 215.3 mm
- Set dimensions with stand in inch (W x H x D): 21.6 x 16.6 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): 9.6 kg
- Product weight (+stand) (lb): 21.1 lb
- Weight incl. Packaging: 11.8 kg
- Weight incl. Packaging (lb): 26 lb

## Power

- Complies with: Energy Star
- Consumption (On mode): 75 W (Typical)
- Consumption (Off Mode): < 2 W
- Power LED indicator: Standby/sleep - Amber, Operation - green
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

# Highlights

## 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.

## 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.

## 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.

## 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 angle.

## Triple input

Triple input is a means of displaying digital and analogue 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 analogue signal input via an optional adapter for maximum display flexibility and 'insurance' against your monitor becoming 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.



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