



Philips
LCD widescreen monitor

58 cm (23")
WUXGA

230W5VS

the smart way to boost productivity

Productivity pays: Look to the Philips 230W5 with SmartManage - remote, LAN-based monitor management - for professional motion picture, video, CD and DVD post production work that demands a big, wide screen, PiP and input source variety.

Outstanding front of screen performance

- WUXGA, wide format 1920x1200 resolution for sharper display
- Fast response time for great display of moving images
- Widest viewing angle up to 176 degrees
- Dual input accepts both analog VGA and digital DVI signals

Maximum comfort for maximum productivity

- SmartManage compatibility enables LAN-based asset management
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Display more images and content without scrolling
- Easy to access connections on a front to improve efficiency
- Tilt and swivel adjustment for an ideal viewing angle

Multi-function for ultimate convenience

- A solid-state 6-in-1 card reader for easy media access
- Built-in high-speed USB 2.0 solution for easy connections

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Highlights

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.

Fast response time

Response time measures signal reaction speed in milliseconds. On/off response time measures the time required for the screen to turn from completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-gray response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

Widest viewing angle

The widest viewing angle up to 176 degree provides the clearest display from any angle.

Dual input

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.

Widescreen

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

Large viewing area

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

Front connections

A USB 2.0 hub and an universal card reader (UCR) located on the front side of monitor for convenient and efficient access.

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.

Universal card reader (UCR)

A UCR is a device that reads data from portable media and transfers data to PC. It reads data from SD/MMC, Memory Stick, Smart Media and two types of Compact Flash memory cards without an additional peripheral.

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.

Video connection

Plugs to accommodate signal input from a variety of sources

Picture In Picture (PIP)

Provides the ability to watch simultaneously two different sources, either two video sources or a combination with data/graphics

Built-in 6W speakers

A pair of high quality speakers with output power up to 3W x 2 (maximum) and 48W PMPO built into the stylish design to provide users the rich sound applications - without the cost and clutter of standalone speakers

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.

VESA mounting holes

A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.

Specifications

Picture/Display

- LCD panel type: 1920 x 1200 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 23" / 58.4 cm
- Effective viewing area: 495.4 x 309.6 mm
- Pixel pitch: 0.258 (H) x 0.258 (V) mm
- Brightness: 250 cd/m²
- Contrast ratio (typical): 500:1
- Display colors: 16 M
- Viewing angle: @ C/R > 10
- Viewing angle (H / V): 176 / 176 degree
- Response time (typical): 16 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1920 x 1200 @ 60Hz
- Optimum resolution: 1920 x 1200 @ 60Hz
- Factory Preset Modes: 20 modes
- User definable modes: 15 modes
- Horizontal Scanning Frequency: 30 - 94; 28 - 94 (YPbPr) kHz
- Refresh Rate (V): 56 - 85 Hz
- Aspect ratio: 16:10
- Picture enhancement: Picture in Picture, Progressive scan

Connectivity

- Audio input for PC: 3.5mm Phone Jack x 2
- Audio input for video: Audio Left/Right (RCA x 2)
- AV 1: CVBS in, S-Video, YPbPr
- Other connections: Stereo line out
- Signal Input: VGA (Analog), DVI-I
- USB: USB 2.0
- Other video input: Component Video, S-Video

Convenience

- Built-in Audio: 3W RMSx2 stereo speakers
- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish, Japanese
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC CI, Windows 98/ME/2000/XP
- Regulatory approvals: CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Swivel: +/- 170°
- Tilt: -5 degree to +20 degree
- VESA Mount: 100 x 100 mm

Accessories

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

Dimensions

- Dimensions (with base) (W x H x D): 548 x 452 x 250 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Weight: 9 kg

Power

- Complies with: Energy Star, NUTEK
- Consumption (On mode): 90W (Typical)
- Consumption (Off Mode): < or = 2 W
- Power LED indicator: Operation - Blue, Stand by/sleep - Amber
- Power supply: Built-in



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