



Philips
LCD widescreen monitor

19.1" wide

WXGA+

190WV7CS



Best value-for-money widescreen monitor

Do more and see more on budget! The Philips 190WV7 pumps up productivity with big screen performance, fast response time plus great convenience features - and is ready for immediate or future upgrade to Windows Vista.

Designed for maximum productivity

- Big, wide screen ideal for viewing two A4 pages side by side
- Display more images and content without scrolling

Best total cost of ownership solution

- Empowered for Windows Vista
- Complies with RoHS standards of care for the environment
- Power consumption below the industry average

Outstanding front of screen performance

- 5 ms fast response time
- WXGA+, wide format 1440 x 900 resolution for sharper display
- sRGB ensures colour matching between display and printouts

Great convenience

- One-touch brightness and contrast controls
- Embedded power supply eliminates external power adapters
- Auto adjustment for perfect picture display with one touch

PHILIPS
sense and simplicity

Specifications

Picture/Display

- **LCD panel type:** 1440 x 900 pixels, Anti-glare polariser, RGB vertical stripe
- **Panel Size:** 19.1"/48.1 cm
- **Effective viewing area:** 410.4 x 256.5 mm
- **Pixel pitch:** 0.285 x 0.285 mm
- **Brightness:** 300 cd/m²
- **Contrast ratio (typical):** 850:1
- **Display colours:** 16.2 M
- **Viewing angle:** 170° (H)/160° (V), @ C/R > 10
- **Response time (typical):** 5 ms
- **White Chromaticity, 6500K:** x = 0.313/y = 0.329
- **White Chromaticity, 9300K:** x = 0.283/y = 0.297
- **Maximum Resolution:** 1440 x 900 @ 75 Hz
- **Recommended Resolution:** 1440 x 900 @ 60 Hz
- **Video Dot Rate:** 140 MHz
- **Horizontal Scanning Frequency:** 30 - 83 kHz
- **Vertical Scanning Frequency:** 55 - 75 Hz
- **Aspect ratio:** 16:10
- **sRGB**

Connectivity

- **Signal Input:** Analogue (VGA)
- **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
- **Monitor Controls:** Auto, Brightness (Left), Contrast (Right), Menu (OK), Power On/Off
- **OSD Languages:** English, French, German, Italian, Russian, Spanish
- **Other convenience:** Kensington lock compatible
- **Plug & Play Compatibility:** DDC 2B, Windows 98/ME/2000/XP/Vista

- **Regulatory Approvals:** CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, MPRII, TCO '99, TÜV/GS, TÜV Ergo
- **Tilt:** -5° to 20°

Accessories

- **Included Accessories:** AC Power Lead, VGA cable
- User Manual

Dimensions

- **Box dimensions (W x H x D):** 520 x 392 x 190 mm
- **Box dimensions in inch (W x H x D):** 20.5 x 15.4 x 7.5 inch
- **Set dimensions (W x H x D):** 438.5 x 310.4 x 60.5 mm
- **Set dimensions in inch (W x H x D):** 17.3 x 12.2 x 2.4 inch
- **Set dimensions with stand (W x H x D):** 438.5 x 358 x 211 mm
- **Set dimensions with stand in inch (W x H x D):** 17.3 x 14.1 x 8.3 inch
- **MTBF:** 50,000 (excl. CCFL 40,000) hrs
- **Relative humidity:** 20% - 80%
- **Temperature range (operation):** 0°C to 40°C
- **Temperature range (storage):** -20°C to 60°C
- **Product weight (+stand):** 5 kg
- **Product weight (+stand) (lb):** 11 lb
- **Weight incl. Packaging:** 6.7 kg
- **Weight incl. Packaging (lb):** 14.8 lb

Power

- **Complies with:** E2000, Energy Star
- **Consumption:** 36 W (Typical)
- **Off Mode:** < 1 W
- **Power LED indicator:** Operation - green, Standby/sleep - Amber
- **Power supply:** Built in, 100-240 VAC, 50/60 Hz

Product highlights

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.

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.

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Lower power consumption

Reduction of the electrical power required to operate a device.

5 ms on/off response time

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 artefacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

WXGA+ 1440 x 900 resolution

WXGA+ or Wide Extended Graphics Array plus is a standard indicating a graphics monitor's ability to display up to the resolutions 1440 by 900 pixels and supports simultaneous display of more than one million colours. WXGA allows monitors to be non-interlaced for better display performance and increased colour accuracy.

sRGB ready

sRGB is an industry standard that ensures the best possible match between the colours displayed on your screen and those in your printouts.

Brightness and contrast button

Conveniently located buttons on the front bezel that provide one-touch brightness and contrast adjustments.

Embedded power supply

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

One-touch auto adjustment

The auto adjustment key restores optimal screen position, phase and clock settings with the press of a single button - without navigation through OSD menus and control keys.

