Best value for money widescreen LCD monitor

Enjoy more with this big widescreen! Experience multiple viewing experiences on a single screen with the Philips 190CW7's fast response time and convenient dual DVI and VGA connectors - all in one easy-to-use, highly affordable package.

Green design
- Power consumption below the industry average
- For your safety: Aerospace composite fire retardant case

Outstanding front of screen performance
- 5ms fast response time
- WXGA+, wide format 1440 x 900 resolution for sharper display
- Big, wide screen: IM, write mail, watch videos on one screen
- sRGB ensures color matching between display and printouts
- Empowered for Windows Vista

Great convenience
- Dual input accepts both analog VGA and digital DVI signals
- Auto adjustment for perfect picture display with one touch
- Embedded power supply eliminates external power adaptors
- One-touch brightness and contrast controls

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Highlights

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.

Widescreen design

A wide screen has a wider aspect ratio for displaying more entertainment or information to have more fun and get more done.
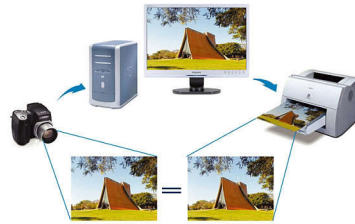
5ms on/off response time

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 artifacts 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 colors. WXGA allows monitors to be non-interlaced for better display performance and increased color accuracy.

sRGB ready

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

Flame retardant cabinet

PC/ABS plastic composite is the industry's best and toughest flame-retardant casing material; and is a space-age compound deployed in the aerospace and automotive industries as well as in fire detectors that is compliant with most stringent fire safety standards.

Lower power consumption

Reduction of the electrical power required to operate a device.

Dual input

VGA connector

DVI connector

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

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 adaptor built into the body of a display device that replaces a bulky external power adaptor.

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.

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green

Picture/Display
- Panel Size: 19.1"/ 48.1 cm
- LCD panel type: 1440 x 900 pixels, Anti-glare polarizer, RGB vertical stripe
- Pixel pitch: 0.285 x 0.285 mm
- Optimum resolution: 1440 x 900 @ 60 Hz
- Brightness: 300 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 850:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 55 - 75 Hz
- Maximum Resolution: 1440 x 900 @ 75 Hz
- Effective viewing area: 410.4 x 256.5 mm
- sRGB
- Video Dot Rate: 140 MHz

Convenience
- Plug & Play Compatibility: DDC 2B, Windows 98/ME/2000/XP/Vista
- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness (Left), Contrast (Right), Menu (OK), Power On/Off
- Regulatory approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, MPRII, TCO '99, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock compatible
- Tilt: -5° to 20°

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

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

Accessories
- Included accessories: AC Power Cord, VGA cable
- User Manual

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