



Philips
LCD widescreen monitor

49 cm (19.1") wide
WXGA+

190SW8FB

Move up to widescreen business productivity

Wide screen performance, small screen price tag: With the Vista-ready Philips 190SW8, you can experience the improved business productivity that a wide screen can bring - at a price you'd expect to pay for a smaller conventional model.

Designed for maximum productivity

- Display more images and content without scrolling

Outstanding front of screen performance

- 5ms fast response time
- SmartImage: Optimized user-friendly display experience
- WXGA+, wide format 1440 x 900 resolution for sharper display

Great convenience

- Dual input accepts both analog VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II
- Embedded power supply eliminates external power adaptors
- Cable management reduces cable clutter for neat workspace

Best total cost of ownership solution

- SmartManage compatibility enables LAN-based asset management
- PerfecTune ensures top quality LCD display delivered to you
- Empowered for Windows Vista

PHILIPS

Specifications

Connectivity

- Signal Input: VGA (Analog), DVI-D
- 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: 19.1"/ 48.1 cm
- Aspect ratio: 16:10
- 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): 800:1
- SmartContrast ratio (dynamic): 3500:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Maximum Resolution: 1440 x 900 @ 75 Hz
- Effective viewing area: 410.4 x 256.5 mm
- sRGB
- Video Dot Rate: 140 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, SmartControl II
- Monitor Controls: SmartImage, Auto (Back), Input (Down), Brightness (Up), Menu (OK), Power On/Off
- Regulatory approvals: CE Mark, E2000, EMC, Energy Star, FCC-B, UL, CSA, TCO '03, TÜV/GS, TÜV Ergo
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish

- Other convenience: Kensington lock compatible
- Tilt: -5° to 20°
- VESA Mount: 100 x 100 mm

Power

- Power supply: Built-in, 100-240VAC, 50/60Hz
- Consumption (On mode): < 36W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Complies with: Energy Star
- Consumption (Off Mode): < 1 W
- Consumption (economy mode): 28 W

Dimensions

- Box depth: 149 mm
- Set width (with stand): 452.2 mm
- Box height: 415 mm
- Set width (with stand) (inch): 17.8 inch
- Box width: 500 mm
- Set height (with stand): 375.3 mm
- Set height (with stand) (inch): 14.8 inch
- Set Width: 452.2 mm
- Set depth (with stand): 183.2 mm
- Set Height: 303.5 mm
- Set Depth: 61.5 mm
- Set depth (with stand) (inch): 7.2 inch
- Set Width (inch): 17.8 inch
- Temperature range (operation): 0°C to 40°C
- Set Height (inch): 11.9 inch
- Temperature range (storage): -20°C to 60°C
- Set Depth (inch): 2.4 inch
- Box depth (inch): 5.9 inch
- Box height (inch): 16.3 inch
- Box width (inch): 19.7 inch
- Product weight (+stand): 4.4 kg
- Product weight (+stand) (lb): 9.7 lb
- Weight incl. Packaging: 5.3 kg
- Weight incl. Packaging (lb): 11.7
- 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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