Philips
LCD widescreen monitor

48cm/19" wide
WXGA

191EW9FB

Native 16:9 HD monitor with glossy design

This Vista-ready 191EW9 delivers 16:9 wide screen HD-quality display and glossy design, eliminating costly extras that strain your budget without compromising on quality.

Designed for elegance
- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

Outstanding front of screen performance
- Ready to display HD content
- 16:9 display for best widescreen gaming and video
- SmartContrast 8000:1 for rich black details
- 5ms fast response time

Great convenience
- Easy picture format control switching in wide and 4:3 format

Best Value for Money
- Complies with RoHS standards to care for the environment
- Energy Star for energy efficiency and low power consumption
- Empowered for Windows Vista

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Highlights

High definition monitor
A high definition monitor is a display device designed to deliver the exceptional picture quality of high definition pictures, one fully prepared for HD sources like HD set top boxes. A HD monitor offers picture quality beyond that of progressive scan, conforming to strict standards for HD screens that display high resolution, top picture quality signals through a universal connection for either analog VGA or uncompressed DVI digital connections and supports HDCP. It displays 720p (1280x720p @ 50 and 60 Hz progressive) and 1080i (1920x1080i @ 50 and 60 Hz interlaced) signals.

16:9 widescreen aspect ratio
An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

SmartContrast ratio 8000:1
You want the LCD display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

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.

Easy picture format control
Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

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.

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.

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Specifications

Picture/Display
- Panel Size: 18.5"/ 47 cm
- LCD panel type: 1366 x 768 pixels, Anti-glare polarizer, RGB vertical stripe
- Optimum resolution: 1366 x 768 @ 60 Hz
- Maximum Resolution: 1366 x 768 @ 75 Hz
- Display colors: 16.7 M
- Brightness: 300 cd/m²
- Aspect ratio: 16:9
- Contrast ratio (typical): 1000:1
- SmartContrast ratio (dynamic): 8000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Effective viewing area: 409.8 x 230.4 mm
- Horizontal Scanning Frequency: 30 - 83 KHz
- Vertical Scanning Frequency: 56 - 75 Hz
- Pixel pitch: 0.3 x 0.3 mm
- Video Dot Rate: < 140 MHz
- sRGB

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

Convenience
- User convenience: Picture format selection, On-screen Display
- Monitor Controls: Auto (Back), Auto picture (Down), Brightness (Up), Menu (OK), Power On/ Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98, Windows 2000, Windows XP, Windows Vista
- Regulatory approvals: CE Mark, Energy Star, FCC Class B, UL/cUL
- Tilt: -5° to 20°
- Other convenience: Kensington lock compatible
- VESA Mount: 100 x 100 mm

Dimensions
- Set dimensions with stand (W x H x D): 444 x 340 x 192 mm
- Set dimensions with stand in inch (W x H x D): 17.48 x 13.39 x 7.56 inch
- Relative humidity: 20% - 90%
- MTBF: 50,000 hrs
- Set dimensions (W x H x D): 444 x 286 x 57 mm
- Set dimensions in inch (W x H x D): 17.48 x 11.26 x 2.24 inch
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Box dimensions (W x H x D): 520 x 352 x 133 mm
- Box dimensions in inch (W x H x D): 20.47 x 13.86 x 5.24 inch
- Product weight (+stand): 3.225 kg
- Product weight (+stand) (lb): 7.11 lb
- Weight incl. Packaging: 4.339 kg
- Weight incl. Packaging (lb): 9.566

Power
- Consumption (On mode): < 36W (typical)
- Consumption (Off Mode): < 0.8 W
- Complies with: Energy Star
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

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