

NEC MultiSync® LCD1990FXp

19" super-thin-frame LCD ideal for financial environments

**World's
thinnest bezel***

With its multitude of leading-edge capabilities, combined with groundbreaking design, this monitor could easily be considered the most intelligent visual display solution to date. The ultimate in form and function make it ideal for financial applications.



* sides of bezel measure 6.9mm

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NEC MultiSync LCD1990FXp

The world's thinnest bezel highlights the MultiSync LCD1990FXp's dynamic design. Aside from providing an increased screen area to let you focus more on your ideas, the virtually imperceptible bezel frees up more horizontal and vertical desktop space for multi-monitor applications (see image at far right). These include both standard side-by-side and tiled configurations, which are also assisted by the cabinet's rear clip slots. Using the clips (available separately), these allow for easier alignment of the displays for a more seamless overall appearance.



Newly designed control buttons on the bottom corner of the bezel provide you with a more intuitive means to reach your preferred image settings. By having a key guide for each button appear on-screen alongside it when activated, an even thinner and more non-distracting bezel is achieved. Plus, when switching from landscape to portrait orientation or vice versa, an internal gravitational sensor automatically changes the on-screen guides accordingly.

As easy adaptability for displays is a necessity in financial environments, the display's quick release stand and recessed handle are essential. With the simple pull of a lever on the base, the display quickly disengages from the stand, allowing you to move the display from a desktop to a wall or arm mount. Tools and easy-to-loose screws also can be avoided with the use of this quick and simple function. The handle on the back of the display further eases the display's portability.

A user-controlled feature offered by the MultiSync LCD1990FXp is **AmbiBright™**, which automatically adjusts the backlight depending on the brightness of ambient lighting conditions. For example, if the sensor detects the ambient lighting becoming darker, it reduces the backlight appropriately, which helps provide optimal readability and reduce eyestrain. Further, if desired, you can set the display to automatically enter a power-saving mode when the ambient lighting falls below a predetermined value (i.e. when office lights are shut off at the end of the day), which can significantly reduce energy expenses. When you consider the number of monitors used on trading floors and other display-heavy environments, this brightness function can contribute significantly to a lower total cost of ownership.

The display's **Eco-Mode** further helps conserve energy by allowing you to define a setting for the backlight at a 50 or 75% brightness level. This feature's benefits are best utilized in larger corporate environments where many displays are employed.

With **XtraView+™** wide-angle viewing technology you can enjoy flexible horizontal and vertical viewing angles up to 178° (89° up, down, left and right) with minimal color shift and less glare, reflection and distortion. NEC's **Rapid Response™** technology provides for uninterrupted display of full-motion video with a response time of 20ms. This lightning-fast motion makes these models better than ever for streaming video applications such as stock tickers and live web reports.

With **Ambix® dual-input technology**—which utilizes both DVI-I and traditional 15-pin VGA connectors—you can bridge the gap between analog and digital systems by allowing the same monitor to work seamlessly in either environment. Ambix provides compatibility with today's computer systems and is on the forefront of tomorrow's digital output.



Model	MultiSync LCD1990FXp
Display	Viewable Image Size: 19" Pixel Pitch: 0.294mm Pixels Per Inch: 86 @ native resolution Brightness (typical): 250 cd/m ² Contrast Ratio (typical): 1500:1 Viewing Angle (typical): 178° Vert., 178° Horiz. (89U/89D/89L/89R) @ CR>10 Response Time (typical): Rapid Response (20ms)/Grey to Grey (8ms) Display Colors: 16.7 million out of 68.5 billion
Synchronization Range	Horizontal: 31.5-81.1 kHz (Analog/Digital) Vertical: 50-75 Hz
Input Signal	Video: ANALOG RGB 0.7 Vp-p/75 Ohms Sync: Separate Sync: TTL Level (Positive/Negative) Composite Sync: TTL Level (Positive/Negative) Composite Sync on Green (0.3 Vp-p negative 0.7 Vp-p positive)
Input	DVI-I and VGA 15 pin D-sub
Resolutions Supported	Analog/Digital: 720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 56-85 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-85 Hz 1152 x 864 @ 70-85 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60 Hz 1280 x 1024 @ 60-75 Hz
Native Resolution	1280 x 1024 @ 60 Hz
Additional Features	Ultra-thin-frame (bezel), No Touch Auto Adjust, NaViSet software, tilt/swivel, pivot, height-adjustable stand, vacation switch, cable management, 8-bit gamma, AmbiBright, Eco-Mode, quick-release stand, digital smoothing, digital controls, sRGB, Plug and Play (VESA DDC2B & 2BI), VESA DPMS power management, ISO 13406-2 Class II
Touch-Capable	No
Voltage Rating	AC 100-120V/AC 220-240V
Power Consumption (typical)	On: 40W Power Savings Mode: <2W
Dimensions (W x H x D)	Net (with stand): 15.4 x 16.22 x 9.7 in./392.2 x 408.9-558.9 x 247.3mm Net (without stand): 15.4 x 12.8 x 2.59 in./392.2 x 326.7 x 66mm
Weight	Net (with stand): 18.7 lbs./8.5 kg Net (without stand): 13.9 lbs./6.3 kg
VESA Hole Configuration Specs.	100mm x 100mm
Environmental Considerations	Operating Temp.: 5-35°C/41-95°F Operating Humidity: 30-80% Operating Altitude: 3658 m/12,001 ft. Storage Temp.: -10-60°C/14-140°F Storage Humidity: 10-85% Storage Altitude: 12,192 m/40,000 ft.
Limited Warranty	3 years parts and labor, including backlight
Technical Support	24 hours/7 days



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