

# NEC MultiSync® E222W

Eco-friendly, desktop LCD ideal for corporate environments



**Elevate the eco-friendliness of your work environment.** The 22" NEC MultiSync E222W widescreen LCD display raises the standard for "green" LCD displays, featuring a handful of components that lower total cost of ownership by saving energy, tracking carbon footprint emissions and minimizing packaging. In addition, this model boasts outstanding screen performance and advanced display technologies to optimize your desktop computing experience.

**It's easy to be green.** The MultiSync E222W is loaded with features that promote environmental consciousness, including: a panel that consumes 50% less power and contains half the amount of mercury compared to traditional LCD monitors; ECO Mode™, Intelligent Power Manager (IPM) and an off timer for further energy savings; a carbon footprint meter for tracking the conservation of green gas emissions; construction using ecological materials such as recycled plastics; and a significant reduction in packaging materials.

**A new perspective on productivity.** This display's wide-format screen provides roughly the same work area as two smaller-sized LCD screens, allowing you to work simultaneously in multiple/side-by-side application windows.

**Enhanced screen performance.** With contrast ratios up to 1000:1 (typical) and brightness quality of up to 250 cd/m<sup>2</sup>, outstanding LCD monitor front-of-screen visual performance is NEC Display Solutions' #1 goal. Rapid Response™ technology provides for lifelike full-motion video display without distortion at a response time as quick as 5ms.

**Wide compatibility for today and tomorrow.** With Ambix® dual-input technology—which utilizes both DVI-D 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.

## Features & Benefits

**ErgoDesign® with 4-way adjustable stand (110mm height-adjust, pivot, tilt and swivel)** adds flexibility and comfort to your viewing preferences

**ECO Mode** helps save power, reduce heat and extend the life of the display by allowing the user to dim the backlight

**Intelligent Power Manager (IPM) system and off timer** provide innovative power-saving methods and reduce CO<sub>2</sub> emissions by shifting to a lower power consumption level or automatically powering down when the monitor is on but not in use

**Carbon footprint meter** helps track and calculate the conservation of green gas emissions via OSD® and NaViSet™ Administrator

**5-setting Dynamic Video Mode** enhances video and images with real-time optimization of brightness, color and contrast

**Built-in, multi-directional NaViKey™** allows for easy screen setting adjustments

**Compact packaging** helps reduce paper usage, shipping costs and waste

**EPEAT Silver compliance** ensures the displays reduce hazardous waste and electricity usage, resulting in lower energy costs and increased protection for the environment

**ENERGY STAR 5.0 compliance** reduces electrical costs and lowers total cost of ownership

**Rapid Response technology** delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video

**Ambix dual-input technology** allows for digital/analog compatibility with upgraded video cards and software as well as connection to two systems

**XtraView® technology** provides for some of the widest viewing angles available

**NEC Display Solutions' quality and reliability** provide peace of mind with a 3-year limited parts and labor warranty (including backlight) and unrivaled customer service and technical support

The MultiSync E222W features pivot (A) capabilities and a height-adjustable stand (up to 110mm) (B), allowing you to create an ideal ergonomic display orientation for maximum viewing comfort. A built-in, recessed handle (C) also makes the displays easily transportable.



Model	MultiSync E222W
<b>Display</b>	
Viewable Image Size	22"
Aspect Ratio	16:10
Pixel Pitch	0.282mm
Pixels Per Inch	90 @ native resolution
Brightness (typical)	250 cd/m <sup>2</sup>
Contrast Ratio (typical)	1000:1
Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) (CR > 5)
Response Time (typical)	Rapid Response (5ms)
Display Colors	More than 16.7million
<b>Synchronization Range</b>	
Horizontal	31.5-82.3 KHz (Analog/ Digital)
Vertical	56-75Hz (Analog/Digital)
<b>Input Signal</b>	
Video	Analog 0.7 Vp-p / 75 Ohms
Sync	Separate Sync: TTL Level (positive/negative)
<b>Inputs</b>	DVI-D and VGA 15-pin D-Sub
<b>Resolutions Supported (Analog/Digital)</b>	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1440 x 900 @ 60-75 Hz 1440 x 1050 @ 60-70 Hz 1680 x 1050 @ 60 Hz
<b>Native Resolution</b>	1680 x 1050 @ 60 Hz
<b>Additional Features</b>	Thin-frame (bezel), widescreen format, carrying handle, NaViKey, height-adjustable stand (110mm), pivot, tilt, swivel, No Touch Auto Adjust, cable management, AccuColor color control, digital smoothing, digital controls, DDC/CI, NaViSet software, Plug and Play (VESA DDC 1/2B), VESA DPMS power management, OSD user controls, ISO 13406-2 Class II, Windows Vista Premium-certified, Dynamic Video Mode, HDCP, ECO Mode, carbon meter, EPEAT Silver, ENERGY STAR 5.0, TCO 5.0, RoHs compliance
<b>Voltage Rating</b>	AC 100-120V / AC 220-240V
<b>Power Consumption</b>	
Typical	26W
Power Savings Mode	0.5W
ECO Mode ON	21W
<b>Dimensions (W x H x D)</b>	
Net (with stand)	20 x 15.1-19.5 x 8.4 in. / 507.8 x 384.5-494.5 x 213.9mm
Net (without stand)	20 x 13.1 x 2.8 in. / 507.8 x 332.1 x 71.8mm
<b>Weight</b>	
Net (with stand)	15 lbs. / 6.8 kg
Net (without stand)	10.6 lbs. / 4.8 kg
<b>VESA Hole Configuration Specifications</b>	100 x 100mm
<b>Environmental Conditions</b>	
Operating Temperature	5-35°C / 41-95°F
Operating Humidity	20-80%
Operating Altitude	2000m / 6562 ft.
Storage Temperature	-10-60°C / 14-140°F
Storage Humidity	10-85%
Storage Altitude	12,192m / 40,000 ft.
<b>Limited Warranty</b>	3 years parts and labor, including backlight
<b>Technical Support</b>	M - F (7am - 7pm CST)



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**NEC Display Solutions**  
500 Park Boulevard, Suite 1100  
Itasca, IL 60143  
866-NEC-MORE

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