

NEC MultiSync® E Series

Eco-friendly desktop LCD monitors ideal for corporate environments



Elevate the eco-friendliness of your work environment. The NEC MultiSync E Series, featuring LED-backlit, widescreen LCD displays, raises the standard for “green” computing. Compared to previous generation NEC LCDs, these models consume less power overall, radiate less heat, use less packaging, weigh less and utilize more recycled plastics in their production.

It's easy to be green. The MultiSync E Series is loaded with features that promote environmental consciousness. The 20" E201W and 23" E231W, which consume less power by using energy-efficient LED backlighting, also utilize ECO Mode™, Intelligent Power Manager (IPM), an off timer and an ambient light sensor that automatically dims the screen to further reduce energy consumption. In addition, these models tout a built-in carbon footprint meter that tracks the conservation of green gas emissions and are free of hazardous materials such as mercury and arsenic.

A new perspective on productivity. These displays' wide-format screens (16:9 and 16:10 aspect ratios) provide roughly the same work area as two smaller-sized LCD screens, allowing you to work simultaneously in multiple/side-by-side application windows. This functionality, combined with contrast ratios of up to 25,000:1 (dynamic), full connectivity with a DisplayPort input (E201W & E231W) and an ergonomic design, allows the MultiSync E Series to deliver the best in form and function to your desktop.

Features & Benefits

LED backlight technology provides for industry-leading low power consumption and less hazardous materials (E201W & E231W)

Height-adjust, pivot, tilt and swivel capabilities add flexibility and comfort to your viewing preferences

DisplayPort input provides expanded connectivity with advanced technology (E201W & E231W)

Ambient light sensor minimizes power consumption by automatically adjusting the brightness to the optimal setting depending on ambient lighting, screen content or both (E201W & E231W)

ECO Mode™ allows you to manually adjust the display's brightness to two preset settings, including ENERGY STAR, saving more power and reducing your energy costs

Intelligent Power Manager (IPM) system and off timer provide innovative power-saving methods and reduce CO₂ 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

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

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 E Series features pivot capabilities (A) 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. A wide array of inputs (D) includes DisplayPort for wide connectivity and optimal performance (E201W & E231W).



Model	MultiSync E201W	MultiSync E222W	MultiSync E231W
Display Viewable Image Size Aspect Ratio Pixel Pitch Pixels Per Inch Brightness (typical) Contrast Ratio (typical) Viewing Angle (typical) Response Time (typical) Display Colors	20" 16:9 0.277mm 96 @ native resolution 250 cd/m ² 1000:1 (25,000:1 dynamic) 178° Vert., 178° Hor. (89U/89D/89L/89R) (CR > 5) Rapid Response (5ms) More than 16.7million	22" 16:10 0.282mm 90 @ native resolution 250 cd/m ² 1000:1 178° Vert., 178° Hor. (89U/89D/89L/89R) (CR > 5) Rapid Response (5ms) More than 16.7million	23" 16:9 0.265mm 96 @ native resolution 250 cd/m ² 1000:1 170° Vert., 176° Hor. (85U/85D/88L/88R) (CR > 5) Rapid Response (5ms) More than 16.7million
Synchronization Range Horizontal Vertical	31.5-82.3 KHz (Analog/ Digital) 56-75Hz (Analog/Digital)	31.5-82.3 KHz (Analog/ Digital) 56-75Hz (Analog/Digital)	31.5-83 KHz (Analog/ Digital) 56-75Hz (Analog/Digital)
Input Signal Video Sync	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)	Analog 0.7 Vp-p / 75 Ohms Separate Sync: TTL Level (positive/negative)
Inputs	DisplayPort, DVI-D and VGA 15-pin D-Sub	DVI-D and VGA 15-pin D-Sub	DisplayPort, DVI-D and VGA 15-pin D-Sub
Resolutions Supported (Analog/Digital)	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 720 @ 60 Hz 1280 x 768 @ 60-75 Hz 1280 x 960 @ 60-75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1366 x 768 @ 60 Hz 1440 x 900 @ 60 Hz 1440 x 1050 @ 60-75 Hz 1600 x 1200 @ 60 Hz 1680 x 1050 @ 60 Hz 1920 x 1080 @ 60 Hz	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 @ 60-75 Hz 1680 x 1050 @ 60 Hz	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 720 @ 60 Hz 1280 x 768 @ 60-75 Hz 1280 x 960 @ 75 Hz 1280 x 1024 @ 60-75 Hz 1360 x 768 @ 60 Hz 1366 x 768 @ 60 Hz 1440 x 900 @ 60 Hz 1680 x 1050 @ 60 Hz 1600 x 1200 @ 60 Hz 1920 x 1080 @ 60 Hz
Native Resolution	1600 x 900 @ 60 Hz	1680 x 1050 @ 60 Hz	1920 x 1080 @ 60 Hz
Additional Features	Auto brightness with ambient light sensor, 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 2B), VESA DPMS power management, OSD user controls, ISO 9241-307 Class I, Windows 7-certified, Dynamic Video Mode, HDCP, ECO Mode, carbon meter, resettable cost meter, EPEAT Silver, ENERGY STAR 5.0, TCO 5.0, RoHs compliancy	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 compliancy	Auto brightness with ambient light sensor, 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 compliancy
Voltage Rating	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V	AC 100-120V / AC 220-240V
Power Consumption Typical Power Savings Mode ECO Mode ON	25W 0.42W 18W	26W 0.5W 21W	28W 0.34W 23W
Dimensions (W x H x D) Net (with stand) Net (without stand)	18.8 x 14.1-18.5 x 8.4 in. / 477 x 359.3-469.3 x 213.9mm 18.8 x 11.2 x 2.2 in. / 477 x 285.6 x 55mm	20 x 15.1-19.5 x 8.4 in. / 508 x 383.5-495.3 x 213.4mm 20 x 13.1 x 2.8 in. / 508 x 332.7 x 71.1mm	21.7 x 15-19.4 x 8.4 in. / 551.2 x 381-492.8 x 213.4mm 21.7 x 13 x 2.8 in. / 551.2 x 330.2 x 71.1mm
Weight Net (with stand) Net (without stand)	11.9 lbs. / 5.4 kg 7.6 lbs. / 3.4 kg	15 lbs. / 6.8 kg 10.6 lbs. / 4.8 kg	13.7 lbs. / 6.2 kg 9.3 lbs. / 4.2 kg
VESA Hole Configuration Specifications	100 x 100mm	100 x 100mm	100 x 100mm
Environmental Conditions Operating Temperature Operating Humidity Operating Altitude Storage Temperature Storage Humidity Storage Altitude	5-35°C / 41-95°F 20-80% 2000m / 6562 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 20-80% 2000m / 6562 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.	5-35°C / 41-95°F 20-80% 2000m / 6562 ft. -10-60°C / 14-140°F 10-85% 12,192m / 40,000 ft.
Limited Warranty	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight
Technical Support	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)	M - F (7am - 7pm CST)



Ambix, ErgoDesign, MultiSync and XtraView are registered trademarks and ECO Mode, NaViKey and Rapid Response are trademarks of NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change. 10/10 ver. 4.

©2010 NEC Display Solutions of America, Inc. All rights reserved.

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

NEC

Legacy Technology Services

We Rent & Sell All Types Of Barcode Equipment

Call now to talk to an expert

866-271-9891

www.LegacyGlobal.com

Some brands we carry



MOTOROLA

Intermec

DATALOGIC™

Honeywell

EQUINOX
PAYMENTS



About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
 - Data destruction
 - Hardware disposal
 - Auditing services

Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



Legacy, Inc.,
160 West Road,
Ellington, CT 06029

Toll Free: 866-271-9891
Fax: 888-522-4684