

# NEC MultiSync® EA Series

High-performance, LED-backlit LCD displays ideal for corporate environments

**Reimagine your desktop computing experience.** With its next generation MultiSync EA Series, NEC has developed monitor solutions that push the boundaries of what you've come to know as business-grade screen performance. The 24" MultiSync EA243WM and 27" EA273WM deliver a completely redesigned chassis with a host of enhanced features, advanced technologies, future-proof connectivity and environmentally friendly benefits.

These models boast LED backlight technology, which not only reduces power by up to 52% compared to their predecessors, but leads to a 30% thinner and 25% lighter chassis. Other green features include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both, conserving power up to 87% compared to typical energy consumption. In addition, the human sensor detects user activity in front of the monitor and reduces display power up to 95% with inactivity.

The ControlSync™ feature allows users to control up to six MultiSync EA Series units in a multi-monitor configuration. Upon establishing one unit as the master, you will be able to simultaneously control many performance attributes of the multi-monitor setup through the master monitor.



## Highlights

- **LED backlight technology** provides for industry-leading low power consumption and less hazardous materials
- **Four-way ergonomic stand** boasts pivot, tilt, swivel and height adjustment up to 130mm to maximize your viewing comfort
- **Touch-sensitive OSD® controls** are integrated into the bezel, making display adjustments easier than ever
- **Integrated 4-port USB 2.0 hub** easily connects you to your peripherals
- **Comprehensive input panel**, including DisplayPort, HDMI, DVI-D and 15-pin VGA, connects you to the latest peripherals and future-proofs your investment
- **Space-saving, multimedia speakers**, which enhance your computing experience, are hidden to maintain the monitor's aesthetic appeal (headphone jack also included)
- **ControlSync** enables multi-monitor setups of up to six monitors
- **Customize Setting** empowers IT managers, allowing them to set and restore preferred settings with just one touch, making central control easier than ever
- **Smart sensing technology** includes ambient light and human sensors, which considerably reduce power consumption by automatically detecting your work conditions to determine the proper display brightness or entering Power Saving Mode
- **Carbon footprint meter** helps track and calculate the reduction of green gas emissions, while the resettable cost meter (via On Screen Display) indicates electricity cost savings based on currency settings
- **EPEAT Gold compliance** ensures the displays reduce hazardous waste and electricity usage, resulting in lower energy costs and increased protection for the environment
- **ENERGY STAR® compliance** reduces electrical costs and lowers total cost of ownership

## Specifications for MultiSync EA243WM/EA273WM

MODEL	EA243WM	EA273WM
<b>DISPLAY</b>		
Panel Technology	TN	
Viewable Image Size	24"	27"
Aspect Ratio	16:10	16:9
Native Resolution	1920 x 1200	1920 x 1080
Pixel Pitch	0.27mm	0.31mm
Pixels Per Inch	94 @ native resolution	82 @ native resolution
Backlight Type	W-LED	
Brightness (typical)	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
Contrast Ratio (typical)	1000:1 (25,000: dynamic)	
Viewing Angle (typical)	178° Vert., 178° Hor. (89U/890D/89L/89R) @ CR>5	
Response Time (typical)	5ms	
Displayable Colors	More than 16.7 million	
<b>Synchronization Range</b>		
Horizontal (Analog/Digital)	31.5-77 kHz	31.5-83 kHz
Vertical	56-60 Hz	56-75 Hz
<b>Input Signal</b>		
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: (0.3Vp-p negative 0.7Vp-p positive)	
Input Connectors	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub	
<b>POWER CONSUMPTION</b>		
On (typical)	29W	39W
Power Savings Mode (typical)	0.48W	
<b>PHYSICAL SPECIFICATIONS</b>		
<b>Dimensions (WxHxD)</b>		
Net (with stand)	21.9 x 16.1-21.2 x 9.1 in. / 556.2 x 408.9-538.9 x 230mm	24.9 x 16.3-21.5 x 9.1in / 631.4 x 415-545 x 230mm
Net (without stand)	21.9 x 14.2 x 2.5 in. / 556.2 x 359.6 x 63.8mm	24.9 x 14.6 x 2.5 in. / 631.4 x 371.8 x 63.8mm
<b>Weight</b>		
Net (with stand)	15.4 lbs. / 7 kg	15.9 lbs. / 7.2 kg
Net (without stand)	9 lbs. / 4.1 kg	9.5 lbs. / 4.3 kg
VESA Hole Configuration	100 x 100mm	
<b>ENVIRONMENTAL CONDITIONS</b>		
Operating Temperature	41-95°F / 5-35°C	
Operating Humidity	20 - 80%	
Operating Altitude	6562 ft. / 2000m	
Storage Temperature	14-140°F / -10-60°C	
Storage Humidity	10-85%	
Storage Altitude	40,000 ft. / 12,192m	
<b>ENVIRONMENTAL COMPLIANCE</b>		
ENERGY STAR	5.1	5.0
TCO	5.2	5.1
EPEAT	Gold	
RoHS	Yes	
<b>LIMITED WARRANTY</b>		
	3 years parts and labor, including backlight*	
<b>ADDITIONAL FEATURES</b>		
	ControlSync; Customize Setting; Integrated speakers; 4-port USB hub; LED backlight; Auto brightness with ambient light sensor; Human sensor; ECO Mode; Carbon footprint meter; Resettable cost meter; Ultra-thin-frame; Tilt; Swivel; Pivot; Height-adjustable stand; Rapid Response; Ambix; XtraView; Hot Key; OSD Lock Out; Cable management; Dynamic Visual Mode; NaViSet software; VESA mount; HDCP; DDC/CI; No Touch Auto Adjust; Plug and Play (VESA DDC 1/2B); VESA DPMS power management; AccuColor color control; Digital smoothing; Digital controls; ISO 9241-307 Class I	
<b>SHIPS WITH</b>		
	Setup sheet; User manual; Power cord; 15-pin D-sub cable; DVI-D cable; USB cable; Audio cable; ControlSync cable	

\* Warranty restrictions apply. Contact your representative for details.

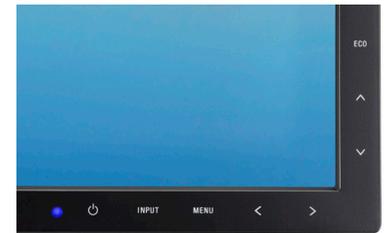
### 4-way adjustable stand



### Ambient and human sensors



### Touch-sensitive OSD controls



### USB 2.0 hub



### Thin, lightweight design with integrated/hidden speakers



### Comprehensive input panel

