

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 a monitor solution that pushes the boundaries of what you've come to know as business-grade screen performance. The 27" MultiSync EA273WM leads the family, delivering a completely redesigned chassis with a host of enhanced features, advanced technologies, future-proof connectivity and environmentally friendly benefits.

The EA273WM boasts LED backlight technology, which not only reduces power by up to 52% compared to its predecessor, 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 an ambient light and human sensors, which automatically detect your work conditions to determine the proper display brightness
- **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 EA273WM

MODEL	EA273WM
DISPLAY	
Panel Technology	TN
Viewable Image Size	27"
Aspect Ratio	16:9
Native Resolution	1920 x 1080
Pixel Pitch	0.311mm
Pixels Per Inch	82 @ native resolution
Backlight Type	W-LED
Brightness (typical)	300 cd/m ²
Contrast Ratio (typical)	1000:1 (25,000: dynamic)
Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89OD/89L/89R) @ CR>5
Response Time (typical)	5ms
Displayable Colors	More than 16.7 million
Synchronization Range	
Horizontal (Analog/Digital)	31.5-83 kHz
Vertical	56-75 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: (0.3Vp-p negative 0.7Vp-p positive)
Input Connectors	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub
POWER CONSUMPTION	
On (typical)	39W
Power Savings Mode (typical)	0.48W
PHYSICAL SPECIFICATIONS	
Dimensions (WxHxD)	
Net (with stand)	24.9 x 16.3-21.5 x 9.1in / 631.4 x 415 x 230mm
Net (without stand)	24.9 x 14.6 x 2.5 in. / 631.4 x 371.8 x 63.8mm
Weight	
Net (with stand)	15.9 lbs. / 7.2 kg
Net (without stand)	9.5 lbs. / 4.3 kg
VESA Hole Configuration	100 x 100mm
ENVIRONMENTAL CONDITIONS	
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
ENVIRONMENTAL COMPLIANCE	
ENERGY STAR	5.0
TCO	5.1
EPEAT	Gold
RoHS	Yes
LIMITED WARRANTY	
	3 years parts and labor, including backlight*
ADDITIONAL FEATURES	
	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; Touch-sensitive OSD user controls; NaViSet software; Cable management; VESA mount; No Touch Auto Adjust; Plug and Play (VESA DDC 2B); VESA DPMS power management; Dynamic Visual Mode; AccuColor color control; Digital smoothing; Digital controls
SHIPS WITH	
	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.

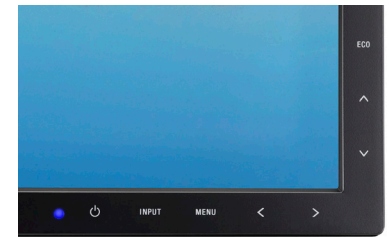
4-way adjustable stand



Ambient and human sensors



Touch-sensitive OSD controls



USB 2.0 hub



Thin, lightweight design



Comprehensive input panel

