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**For Immediate Release**

**NEC launches environmental-friendly and affordable 23" desktop display**  
**High productivity and Low power demand**  
**MultiSync® EA231Wmi**



MultiSync® EA231Wmi

(Hong Kong – 20<sup>th</sup> January, 2010) – NEC announced the launch of its 23" display with IPS (In-Plane Switching) technology in 16:9 format. The MultiSync® EA231Wmi offers excellent image quality in high resolution (full HD) whilst keeping power demand at the lowest level. Furthermore the user's productivity increases due to the wide-screen format. Consistent with NEC's Green Vision approach to product design, this model provides numerous eco-features which ensure environmentally friendly operation without compromising best performance. The MultiSync® EA231Wmi comes with latest TCO 5.0 certification and satisfies the criteria of the forthcoming Energy Star 5.0 label.

With IPS technology the MultiSync® EA231Wmi offers outstanding viewing angle and image stability which will be appreciated by all office users. Alongside its high-quality panel technology and award-winning design, the MultiSync® EA231Wmi also provides all the technical benefits of the EA series. These include integrated speakers, 110mm height adjustment and pivot as well as a USB hub. Additional environmental protection is achieved by an ambient light sensor for optimum screen brightness and energy usage at all times. The display features the latest Energy Star 5.0 and TCO 5.0 certification, with TCO 5.0 being one of the world's highest standards for ergonomics and environmental friendliness. This makes the MultiSync® EA231Wmi the perfect office monitor from an ecological, economic and ergonomic point of view!



Best Ubiquitous Networking  
(Mobile Enterprise Solution) Award  
最佳無處不在網絡(流動企業方案)獎



Best Business (Product) Silver Award  
最佳商業系統(產品)銀獎



Best Business (Application) Certificate of Merit  
最佳商業系統(應用)優異證書

## Achieving the highest standards for ergonomics

Aimed at government, enterprise, and education users, the MultiSync® EA231WMI display debuts several advanced features, a two-step Eco Mode enabling users to save power enabling users to switch between two modes (as well as “off”) so they only consume the power they need while working. It also sports an ambient light sensor that adjust screen brightness according to ambient lighting conditions, and a 4-way ergonomic stand that enables users to adjust height as well as pivot, tilt, and swivel the display.



The MultiSync® EA231WMI are premium enterprise display built with top-performing panel technology, features a 1920x1080 pixel native resolution, a 1000:1 contrast ratio (3000:1 dynamic) and 270 cd/m<sup>2</sup> of brightness — the unit also features five preset configurations for optimized image quality, and down-firing integrated speakers and a headphone jack. MultiSync® EA231WMI also has an integrated four-port USB 2.0 hub for easy peripheral management.



## Environmental friendliness

Building on its environmental leadership, NEC has registered the MultiSync® EA231WMI display as EPEAT Gold certification. As an EPEAT requirement, the MultiSync® EA231WMI is ENERGY STAR® 5.0 compliant. According to the Environmental Protection Agency (EPA), Energy Star-certified products will be 20 percent more energy efficient when compared to non-certified products. Products that earn the ENERGY STAR designation prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. EPA and the U.S. Department of Energy. By leveraging NEC's ECO Mode™, users can lower power consumption and the amount of waste heat released into the environment. The built-in carbon footprint meter informs and motivates responsible use of the display by calculating and tracking carbon savings.



## The MultiSync® EA231WMI displays include the following features:

- 4-way ergonomic stand (110mm height adjust, pivot, tilt and swivel)
- Two-step ECO Mode for significant power consumption savings
- Three-step ambient light sensor for automatic brightness adjustment
- Carbon footprint meter for tracking of carbon savings
- DisplayPort, VGA and DVI connectivity
- EPEAT Gold compliance
- Energy Star 5.0 and TCO 5.0
- New cabinet design with intuitive, multi-directional NaViKey™
- Integrated 4-port USB 2.0 hub
- Space-saving, down-firing multimedia speakers with headphone jack
- Dynamic Video Mode with five presets for real-time optimization of image quality



## Specification of MultiSync® EA231WMi:

Model	MultiSync® EA231WMi
Screen Size [inch]	23"
Pixel Pitch [mm]	0.265
Brightness (typ.) [cd/m <sup>2</sup> ]	270
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	178° Vert., 178° Hor.
Response Time (typ.) [ms]	Rapid Response™ (14ms)
Colours [Mio.]	More than 16.7
Horizontal Frequency [kHz]	31.5 – 83.1
Vertical Frequency [Hz]	56 – 75
Native Resolution	1920 x 1080 @60 Hz
Height adjustable Stand [mm]	110
Inputs	DVI-D and VGA 15 pin D-sub
Additional Features	2-step auto brightness, Thin-frame (bezel), widescreen format, integrated speakers, USB 2.0 hub, 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 9241-307, Windows Vista Premium-certified, Dynamic Video Mode, 2- step ECO Mode, Carbon footprint Meter, EPEAT Gold Energy Star 5.0, leadfree, RoHS-compliant, TCO 5.0, carrying handle, vacation switch
Power Consumption on Mode [W]	43
Power Consumption Power-Saving Mode [W]	<1
Dimensions (W x H x D) [mm]	550.1 x 379.1-489.1 x 220 (with stand) 550.1 x 329 x 71 (without stand)
Weight [kg]	8.5 (withstand) 5.8 (without stand)
Color Version	Black
Warranty	3 years on-site warranty

For enquiry, please call 2795-5333 or visit [www.nec.com.hk](http://www.nec.com.hk)

### About NEC Hong Kong Limited

NEC Hong Kong Limited has a long and eventful history in Hong Kong since its establishment in 1984 and has been expanding its activities rapidly to meet the growing customer demand in Hong Kong, Macau and Mainland China. Dedicated to information and communication technologies, NEC provides advanced display & visual products, server & storage and telecommunication devices. NEC also plays a leading role in business solutions for security & border control, unified communication and IT platform, as well as services of IT consulting, networking and outsourcing. With a full range of technical experts and resources, we achieve professional customization in response to the dynamic needs of customers in various industries. With our extensive products and services, we continuously develop beneficial values for customers globally and become the one-stop answer for innovative technological excellence.

For more information, please visit [www.nec.com.hk](http://www.nec.com.hk).

