\Orchestrating a brighter world

NEC

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

NEC MultiSync® EA Series

Business Desktops 22" | 23" | 24" | 27" | 29"
UHD Desktops 27"

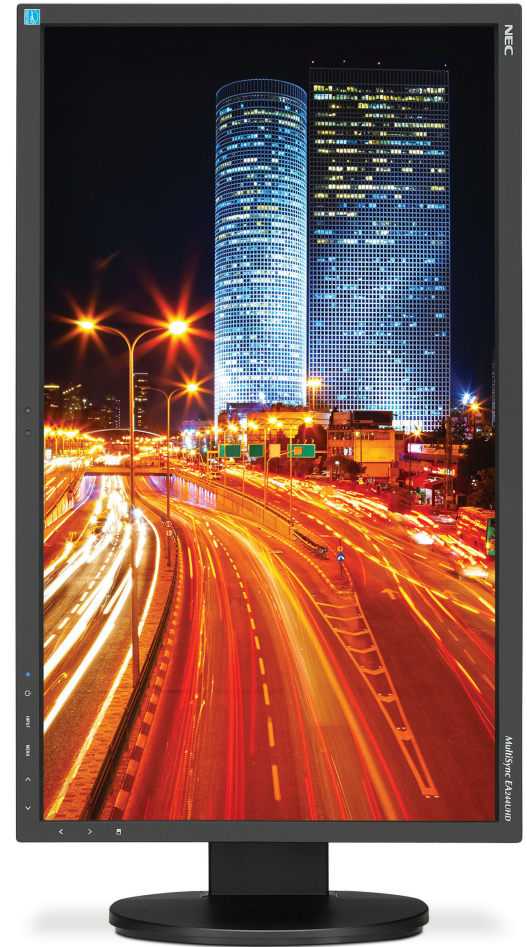# Reimagine your desktop computing experience.

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With its 4th & 5th generation MultiSync EA Series, NEC has developed monitor solutions that push the boundaries of what you've come to know as business-class screen performance. The EA Series deliver a completely redesigned chassis with a host of enhanced features, advanced technologies, future-proof connectivity and environmentally friendly benefits. All models utilize IPS LCD panels, which boast the best possible color accuracy and minimal viewing angle shift.

Every model features LED backlights, enabling a thin and light design. 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 ground breaking ControlSync™ technology allows users to control up to six select 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.

EA Series Desktops	
22"	EA224WMi
23"	EA234WMi
24"	EA245WMi
27"	EA275UHD
27"	EA275WMi
29"	EA295WMi

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 maximize your viewing comfort
- Touch-sensitive OSD® controls are integrated into the bezel, making display adjustments easier than ever
- Integrated USB 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 and controls up to 26 settings
- Customize Setting allows both users and IT administrators to set and restore preferred settings with just one touch, contributing to a free-seating business environment

- Smart sensing technology includes ambient light and human sensors, which considerably reduce power consumption by automatically detecting your work conditions and adjusting to 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
- NaViSet Administrator provides all the advanced control to remotely located IT professionals.
- ENERGY STAR® compliance reduces electrical costs and lowers total cost of ownership

*select models

MultiSync EA Series Features

Multiple Monitor Technologies

The ground breaking ControlSync™ technology allows users to control up to six select 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. ControlSync enables multi-monitor setups of up to six monitors and controls up to 26 settings.

Smart Sensing Technologies

Smart sensing technology includes ambient light and human sensors, which considerably reduce power consumption by automatically detecting your work conditions and adjusting to the proper display brightness or entering Power Saving Mode.

Comprehensive Input Panel

DisplayPort, HDMI, DVI-D and 15-pin VGA *select models, as well as USB 3.0 hubs connect you to the latest peripherals and future-proofs your investment.
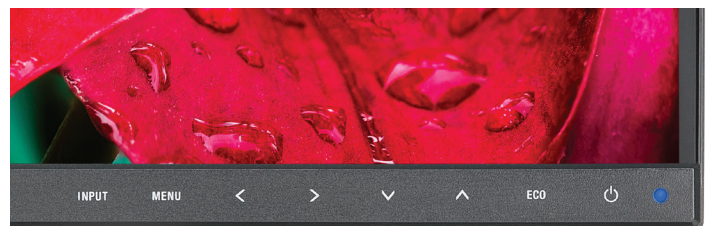
Power-saving Features

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.

Adjustable for Every Workspace

Four-way ergonomic stand boasts pivot, tilt, swivel and height adjustment up to 130mm to maximize your viewing comfort. In addition, Space-saving multimedia speakers are hidden to maintain the monitor's aesthetic appeal (headphone jack also included).

IT-Friendly Features

Customize Setting allows both users and IT administrators to set and restore preferred settings with just one touch, contributing to a free-seating business environment.
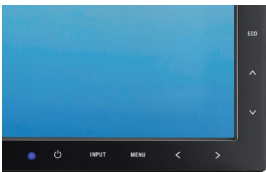
The optional NaViSet™ Administrator 2.0 software offers an intuitive graphical interface, allowing for easy adjustment of display settings via mouse and keyboard. NaViSet Administrator provides all the advanced control to remotely located IT professionals.

MODEL		EA224WMi	EA234WMi	EA245WMi	EA275WMi	EA295WMi	EA275UHD
Display	Panel Technology	IPS	IPS	IPS	AH-IPS	IPS	AH-IPS
	Backlight Type	W-LED					W-LED
	Viewable Image Size	21.5"	23"	24"	27"	29"	27"
	Aspect Ratio	16:9	16:9	16:10	16:9	21:9	16:9
	Native Resolution	1920 x 1080	1920 x 1080	1920 x 1200	2560 x 1440	2560 x 1080	3840 x 2160
	Pixel Pitch	0.248mm	0.267m	0.27mm	0.233mm	0.262mm	0.155mm
	Pixels Per Inch (at native resolution)	102 @ native resolution	96 @ native resolution	94 @ native resolution	109 @ native resolution	97 @ native resolution	163 @ native resolution
	Brightness (typical)	250 cd/m²	250 cd/m²	350 cd/m²	350 cd/m²	300 cd/m²	350 cd/m²
	Contrast Ratio (typical)	1000:1 (25,000: dynamic)					
	Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10					
	Response Time (typical)	6ms (with overdrive)	6ms	5ms	6ms		
	Displayable Colors	More than 16.7 million					
	Synchronization Range						
	Horizontal (Analog/Digital)	31.5-83 kHz	31.5-83 kHz	31.5-95 kHz	31.5 KHz - 83.0 KHz / 31.5 KHz - 91.0 KHz	31.5-118.4 kHz	31.5-134 kHZ
	Vertical	56-75 Hz		56-75 Hz	50-85Hz		30-75 Hz
	Input Signal — Video	Analog RGB 0.7 Vp-p/75 Ohm					
	Input Signal — 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			DisplayPort, DVI-I, HDMI	DisplayPort 1.2, HDMI (2), VGA	DVI-D, HDMI, DisplayPort
	Output Connectors	DisplayPort 1.2 (SST / MST)					
POWER CONSUMPTION	On (typical)	26W	27W	22W	61W	34W	71W
	Power Savings Mode (typical)	0.43W	0.41W	0.3W			0.5W
PHYSICAL SPECIFICATIONS	Dimensions (WxHxD) — With stand	20 x 14.6-19.7 x 8.6 in. / 507.4 x 370.2-500.2 x 218mm	21.4 x 15.0-20.1 x 8.7 in. / 543.8 x 380.4-510.4 x 218mm	20.9 x 15.7-19.6 x 8.0 in. / 531.5 x 397.6-497.6 x 204.3mm	25.2 x 16.5 - 21.6 x 9.1 in. / 639.2 x 417.9 - 537.9 x 230 mm	27.8 x 16.2-21.3 x 9.1 in. / 705.8 x 410.4- 540.4 x 230mm	25.2 x 16.5 - 21.6 x 9.1 in. / 639.2 x 417.9 - 537.9 x 230 mm
	Dimensions (WxHxD) — Without stand	20 x 11.9 x 2.4 in. / 507.4 x 301.1 x 60.5mm	21.4 x 12.7 x 2.4 in. / 543.8 x 321.6 x 60.5mm	21.9 x 14.2 x 2.5 in. / 556.2 x 359.6 x 63.8mm	25.2 x 14.9 x 2.6 in. / 639.3 x 377.8 x 66.5 mm	27.8 x 12.7 x 2.7 in. / 705.8 x 321.8 x 69.1mm	25.2 x 14.9 x 2.6 in. / 639.2 x 377.8 x 66.5 mm
	Net Weight (with stand)	13.2 lbs. / 6 kg	14.1 lbs. / 6.4 kg	13.2 lbs. / 6.0 kg	19.2 lbs / 8.7 kg	21.2 lbs. / 9.6 kg	20.1 lbs / 9.1 kg
	Net Weight (without stand)	8.2 lbs. / 3.7 kg	8.8 lbs. / 4.0 kg	9.3 lbs. / 4.2 kg	12.8 lbs. / 5.8 kg	14.6 lbs. / 6.6 kg	13.7 lbs. / 6.2 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		16404 ft. / 5000m	16,404 ft. / 5000m	16,404 ft. / 5000m	6562 ft. / 2000m
	Storage Temperature	14-140°F / -10-60°C					
	Storage Humidity	10-85%					
	Storage Altitude	40,000 ft. / 12,192m					
ENVIRONMENTAL COMPLIANCE	TCO	5.2	Edge 1.2	6.0		5.0	Edge Certified 1.2
	RoHS	Yes					
LIMITED WARRANTY		3 years parts and labor, including backlight*					
ADDITIONAL FEATURES		Tilt; Swivel; Pivot; Height-adjustable stand; ControlSync; Customize Setting; Integrated speakers; 4-port USB hub; LED backlit; Auto brightness with ambient light sensor; Human sensor; ECO Mode; Carbon footprint meter; Resettable cost meter; Thin frame; Carrying handle; Rapid Response; Ambix; XtraView; Hot Key; Touch OSD controls; OSD Lock Out; Cable management; Dynamic Visual Mode (Standard, Text, Movie, Gaming, Photo, Dynamic); NaViSet Administrator 2; VESA mount; HDCP; DDC/CI; No Touch Auto Adjust; Plug and Play (VESA DDC2B); VESA DPMS power management; AccuColor color control; Digital smoothing; Digital controls; ISO 9241-307 Class I; DICOM SIM for IPS models					
SHIPS WITH		Setup sheet; User manual; Power cord; DisplayPort cable; USB cable; Audio cable; ControlSync cable					

* Warranty restrictions apply. Contact your representative for details.

Touch-sensitive OSD controls

Comprehensive input panel (select models)

USB 3.0 hub (select models)

4-way adjustable stand

Thin, lightweight design with integrated speakers

Ambient and human sensors