

5<sup>TH</sup> Generation

Orchestrating a brighter world

**NEC**

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

# NEC MultiSync® EA Series

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



# Reimagine your desktop computing experience.



With its 5<sup>th</sup> 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 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.

## EA Series Desktops

24"	EA245WMi
27"	EA275UHD
27"	EA275WMi
29"	EA295WMi



## Highlights

- LED backlight technology provides for industry-leading low power consumption and less hazardous materials
- Touch-sensitive OSD® controls are integrated into the bezel, making display adjustments easier than ever
- Integrated USB 3.0 hub easily connects you to your peripherals
- DisplayPort 1.2 out for convenient multi-monitor connectivity (EA245WMi / EA275WMi / EA295WMi)
- ENERGY STAR® compliance reduces electrical costs and lowers total cost of ownership



## 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.

### 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.



### 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).



### 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.



### Power-saving Features

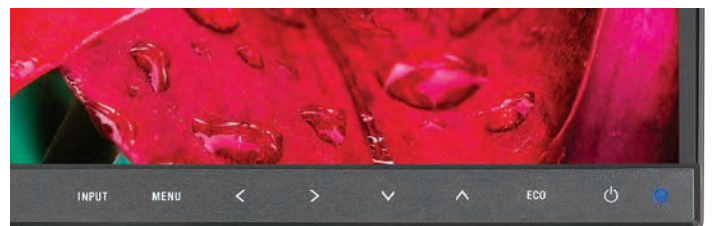
Include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both, conserving power up to 87% compared to typical energy consumption. In addition, the human sensor detects user activity in front of the monitor and reduces display power up to 95% with inactivity.



### 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		EA245WMI	EA275WMI	EA295WMI	EA275UHD	
<b>Display</b>	Panel Technology	AH-IPS	AH-IPS	AH-IPS	AH-IPS	
	Backlight Type	W-LED	W-LED	GB-R LED	LED	
	Viewable Image Size	24"	27"	29"	27"	
	Aspect Ratio	16:10	16:9	21:9	16:9	
	Native Resolution	1920 x 1200	2560 x 1440	2560 x 1080	3840 x 2160	
	Pixel Pitch	0.27mm	0.23mm	0.26mm	0.16mm	
	Pixels Per Inch (at native resolution)	94 @ native resolution	109 @ native resolution	97 @ native resolution	163 @ native resolution	
	Brightness (typical)	300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	
	Contrast Ratio (typical)	1000:1				
	Color Gamut*					
	Adobe RGB Coverage/Size**		80.4% / 85.8%		78.1% / 81.6%	
	NTSC Coverage/Size	72%	77.3% / 82.0%		75.1% / 78.0%	
	sRGB Coverage/Size	100% / 115.7%	100% / 115.7%		100% / 110.1%	
	Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10				
	Response Time (typical)	6ms				
	Displayable Colors	16.8 million				
	Synchronization Range	31.5 KHz - 83.0 KHz / 31.5 KHz - 91.0 KHz				
	Horizontal (Analog/Digital)	31.5-95 KHz	31.5-83 kHz	31.5-98.7kHz	31.5-135 kHz	
	Vertical	56-75 Hz	56-75 Hz	56-75 Hz	30-75 Hz	
	Input Signal	Video	Analog RGB 0.7 Vp-p/75 Ohms			
Sync		Composite sync: TTL Level (Positive/Neg tive) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)	Composite sync: TTL Level (Positive/Neg tive)	Composite sync: TTL Level (Positive/Neg tive)	Composite sync: TTL Level (Positive/Neg tive) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)	
Input Connectors	DisplayPort 1.2, HDMI 2.0, DVI-D, VGA	DVI-I, DisplayPort 1.2, HDMI 2.0	DisplayPort 1.2, HDMI x2, VGA	DVI-D, HDMI, DisplayPort		
Output Connectors	DisplayPort 1.2 out			N/A		
USB Hub	USB 3.0, 1 up / 3 down		USB 3.1, 2 up / 3 down w/DisplaySync Pro(TM)	USB 3.0, 1 up / 3 down		
<b>POWER CONSUMPTION</b>	On (typical)	22W	57W	29W	71W	
	Power Savings Mode (typical)	0.3W	0.8W	0.3W	0.5W	
<b>PHYSICAL SPECIFICATIONS</b>	Dimensions (WxHxD)	With stand	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
		Without stand	20.9 x 13.7 x 1.9 in. / 531.5 x 347.8 x 47.6mm	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. / 6.0 kg	19.2 lbs / 8.7 kg	21.2 lbs. / 9.6 kg	20.1 lbs / 9.1 kg	
	Net Weight (without stand)	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 100 mm				
<b>ENVIRONMENTAL CONDITIONS</b>	Operating Temperature	41-95°F / 5-35°C				
	Operating Humidity	20-80%				
	Operating Altitude	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					
<b>ENVIRONMENTAL COMPLIANCE</b>	ENERGY STAR	7.0				
	TCO	7.0	Certified 6.0 / Edge Certified 1.2	Certified 7.0 / Edge Certified 2.0	Edge Certified 1.2	
	RoHS	Yes				
<b>LIMITED WARRANTY</b>	3 years parts and labor, including backlight, Warranty restrictions apply					
<b>ADDITIONAL FEATURES</b>	Tilt; Swivel; Pivot; Height-adjustable stand; ControlSync; Customize Setting; Integrated speakers; 3 or 4-port USB hub; LED backlight; 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					
<b>SHIPS WITH</b>	Setup sheet; Power cord; DisplayPort cable; USB cable; ControlSync cable					



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