5TH Generartion

\Orchestrating a brighter world

NEC

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

NEC MultiSync® EA Series

Business Desktops 24" | 27" | 30"
UHD Desktops 27"

Reimagine your desktop computing experience.

With its 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 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
30"	EA305WMi

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 / EA305WMi)

- 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.

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.
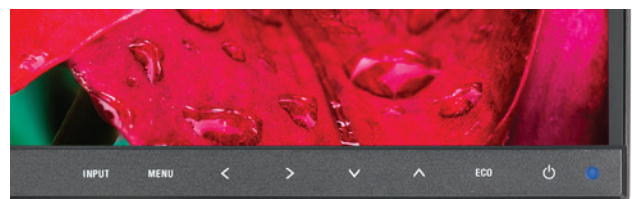
Power-saving Features

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.

ECO MODE

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		EA245WMi	EA275WMi	EA305WMi	EA275UHD
Display	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"	29.8"	27"
	Aspect Ratio	16:10	16:9	16:10	16:9
	Native Resolution	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
	Pixel Pitch	0.27mm	0.23mm	0.25mm	0.16mm
	Pixels Per Inch (at native resolution)	94 @ native resolution	109 @ native resolution	101 @ native resolution	163 @ native resolution
	Brightness (typical)	300 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²
	Contrast Ratio (typical)	1000:1			
	Color Gamut*				
	Adobe RGB Coverage/Size**		80.4% / 85.8%	99.3% / 108.6%	78.1% / 81.6%
	NTSC Coverage/Size	72%	77.3% / 82.0%	94.8% / 103.7%	75.1% / 78.0%
	sRGB Coverage/Size	100% / 115.7%	100% / 115.7%	100% / 146.4%	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			
	Input Signal — Sync	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		DVI-D, HDMI, DisplayPort
	Output Connectors	DisplayPort 1.2 out			N/A
POWER CONSUMPTION	On (typical)	22W	57W	86W	71W
	Power Savings Mode (typical)	0.3W	0.8W	0.47W	0.5W
PHYSICAL SPECIFICATIONS	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	27.0 x 18.6 - 23.7 x 9.1 in. / 686.9 x 472.8 - 602.8 x 230.0 mm	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	20.9 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	27.0 x 17.6 x 3.0 in. / 800.0 x 613.0 x 280.0 mm	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	24.0 lbs. / 10.9 kg	20.1 lbs / 9.1 kg
	Net Weight (without stand)	9.3 lbs. / 4.2 kg	12.8 lbs / 5.8 kg	17.2 lbs. / 7.8 kg	13.7 lbs. / 6.2 kg
	VESA Hole Configuration	100 x 100 mm			
ENVIRONMENTAL CONDITIONS	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			
ENVIRONMENTAL COMPLIANCE	ENERGY STAR	7.0	6.0		7.0
	TCO	7.0	Certified 6.0 / Edge Certified 1.2		Edge Certified 1.2
	RoHS	Yes			
LIMITED WARRANTY		3 years parts and labor, including backlight, Warranty restrictions apply			
ADDITIONAL FEATURES		Tilt; Swivel; Pivot; Height-adjustable stand; ControlSync; Customize Setting; Integrated speakers; 3 or 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; ControlSync cable			

Cat.No. 25.NEC.80.GL.UN.217 | Rev. 08.30.2016

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