5TH Generation

\Orchestrating a brighter world NEC

Ultra narrow bezel LCD
displays designed for business performance

NEC MultiSync® EA Series

Business Desktops 24" | 27"

More desktop with fewer distractions

With its ultra narrow bezel MultiSync EA Series desktop displays, NEC minimizes distractions and puts your work at the forefront. 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"	EA271F
27"	EA271Q

Highlights

- 1.0mm ultra narrow bezels let you focus on your work and are ideal for multiple monitor configurations 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 hub easily connects you to your peripherals
- DisplayPort 1.2 out for convenient multi-monitor connectivity (EA245WMi, EA271Q)
- ENERGY STAR® compliance reduces electrical costs and lowers total cost of ownership
- USB Type-C input charges a mobile device while showing video and using USB (EA271Q only)

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.

In addition, ultra narrow bezels reduce the gap between displays and reduce distractions.

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, as well as USB hubs connect you to the latest peripherals and future-proofs your investment.

**select models*

Power-saving Features

All models 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

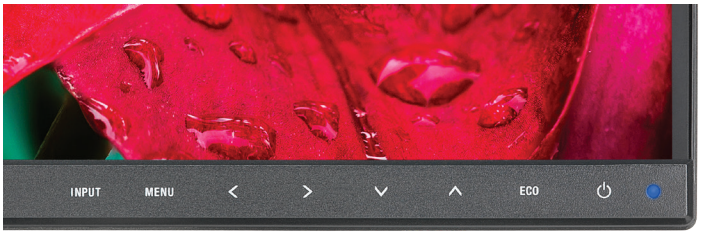
Adjustable for Every Workspace

Four-way ergonomic stand boasts dual-direction pivot, tilt, swivel and height adjustment up to 150mm 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.



MultiSync MODEL			EA245WMi	EA271F	EA271Q
Display	Panel Technology		AH-IPS	IPS	IPS
	Backlight Type		W-LED		
	Viewable Image Size		24″	27″	
	Aspect Ratio		16:10	16:9	
	Native Resolution		1920 x 1200	1920x1080	2560x1440
	Pixel Pitch		0.27mm	0.31mm	0.23mm
	Pixels Per Inch (at native resolution)		94 @ native resolution	82 @ native resolution	109 @ native
	Brightness (typical)		300 cd/m^2	350 cd/m^2	
	Contrast Ratio (typical)		1000:1		
	Color Gamut*				
	Adobe RGB Coverage/Size**				
	NTSC Coverage/Size		72%		74.6% / 79.5%
	sRGB Coverage/Size		100% / 115.7%		100.0% / 112.2%
	Viewing Angle (typical)		178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10		
	Response Time (typical)		5ms	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	31.5-94.0 KHz
	Vertical		56-75 Hz	56-75 Hz	56.0 - 75.0 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)		
	Input Connectors		DisplayPort 1.2, HDMI, DVI-D, VGA	DVI-I, DisplayPort 1.2, HDMI, VGA	DisplayPort, DVI-D, HDMI, USB Type-C
	Output Connectors		DisplayPort 1.2 out		DisplayPort 1.2 (SST / MST)
	USB Hub		USB 3.0, 1 up / 3 down	USB 3.1, 1 up / 3 down	USB 3.1 1 up / 3 down USB Type-C 60W power delivery
POWER CONSUMPTION	On (typical)		22W	17W	37W
	Power Savings Mode (typical)		0.3W	0.29W	
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	24.1 x 14.9 - 20.8 x 9.8 in. / 611.8 x 378.0 - 528.0 x 150.0 mm	
		Without stand	20.9 x 13.7 x 1.9 in. / 531.5 x 347.8 x 47.6mm	24.1 x 14.2 x 2.6 in. / 611.8 x 361.9 x 67.2 mm	
	Net Weight (with stand)		13.2 lbs. / 6.0 kg	20.1 lbs. / 9.1 kg	
	Net Weight (without stand)		9.3 lbs. / 4.2 kg	12.6 lbs. / 5.7	
	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		
	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		
	TCO		7.0		
	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 USB hub; LED backlit; Auto brightness with ambient light sensor; Human sensor; ECO Mode; Carbon footprint meter; Resettable cost meter; Ultra narrow bezel; 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		
SHIPS WITH			Setup sheet; Power cord; DisplayPort cable; USB cable; ControlSync cable		

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