Orchestrating a brighter world

NEC

NEC MultiSync® EA Series

Ultra narrow bezel LCD displays designed for business performance

Business Desktops 23" | 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	
23"	EA231WU
24"	EA241F
24"	EA245WMi
27"	EA271F
27"	EA271Q
27"	EA271U

Highlights

- 1.0mm or smaller 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
- USB Type-C input charges a mobile device while showing video and using USB (EA271Q, EA271U)
- DisplayPort 1.2 out for convenient multi-monitor connectivity (EA245WMi, EA271Q)
- 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.

In addition, ultra narrow bezels reduce the gap between displays and reduce distractions. Select models feature DisplayPort in and out connections, allowing multiple monitors connected to a single source output.

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. The USB Type-C input provides video, audio, data and power all through one cable, simplifying connections to mobile devices. (EA271Q, EA271U)

select models

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).

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.
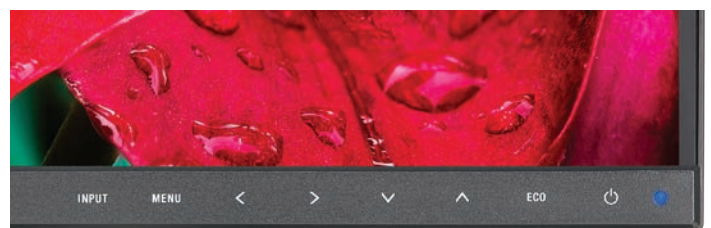
Power-saving Features

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.

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		EA231WU	EA241F	EA245WMi	EA271F	EA271Q	EA271U
Display	Panel Technology	IPS	IPS	AH-IPS	IPS	PLS	IPS
	Backlight Type	W-LED	W-LED	W-LED	W-LED	W-LED	W-LED
	Viewable Image Size	22.5"	23.8"	24"	27"	27"	27"
	Aspect Ratio	16:10	16:9	16:10	16:9	16:9	16:9
	Native Resolution	1920 x 1200	1920 x 1080	1920 x 1200	1920 x 1080	2560 x 1440	3840 x 2160
	Pixel Pitch	0.254mm	0.275mm	0.27mm	0.31mm	0.23mm	0.16mm
	Pixels Per Inch (at native resolution)	100	93	94	82	109	163
	Brightness (typical)	250cd/m²	250cd/m²	300cd/m²	250cd/m²	350cd/m²	350cd/m²
	Contrast Ratio (typical)	1000:1					
	Color Gamut* — Adobe RGB Coverage/Size**	72.9% / 75.5%	73.6% / 75.3%			78.3% / 83.2%	78.1% / 81.6%
	Color Gamut* — NTSC Coverage/Size	69.5% / 72.1%	69.5% / 72.0%	72%	69.5% / 72.1%	74.6% / 79.5%	75.1% / 78.0%
	Color Gamut* — sRGB Coverage/Size	94.3% / 101.8%	95.1% / 101.6%	100%	95.0% / 101.8%	100.0% / 112.2%	100.0% / 110.1%
	Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
	Response Time (typical)	5			6		5
	Displayable Colors	More than 16.7 million	More than 16.7 million	More than 16.7 million	More than 16.7 million	More than 16.7 million	1.07 billion
	Synchronization Range						
	Horizontal (Analog/Digital)	31.5-75 KHz	31.5-75 KHz	31.5-95 KHz	31.5-83 kHz	31.5 - 94.0 KHz	31.5 KHz - 136.0 KHz
	Vertical	50-60 Hz	50-75 Hz	56-75 Hz	56-75 Hz	56.0 Hz - 75.0 Hz	30.0 Hz - 75.0 Hz
	Input Signal — Video	Analog RGB 0.7 Vp-p/75 Ohms	Analog RGB 0.7 Vp-p/75 Ohms	Analog RGB 0.7 Vp-p/75 Ohms	Analog RGB 0.7 Vp-p/75 Ohms		
	Input Signal — Sync	Separate Sync: TTL Level (Positive/Negative) Composite Sync: TTL Level (Positive/Negative) Composite Sync on Green: (0.3Vp-p positive) 0.7Vp-p positive)					
	Input Connectors	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub	DisplayPort, HDMI, DVI-D, VGA 15-pin D-sub		DisplayPort, DVI-D, HDMI, USB Type-C	DisplayPort, (2) HDMI, USB Type-C
	Output Connectors			DisplayPort 1.2 (SST / MST)		DisplayPort 1.2 (SST / MST)	
	USB — Hub	USB 3.1, 1 up / 3 down	USB 3.1, 1 up / 3 down	USB 3.0, 1 up / 3 down	USB 3.1, 1 up / 3 down	USB 3.1 and USB-C, 1 up / 3 down	USB 3.1 and USB-C, 1 up / 3 down
	USB — Power Delivery					USB-C 60W	USB-C 60W
POWER CONSUMPTION	On (typical)	15W	15W	22W	17W	37W	38W
	Power Savings Mode (typical)	0.29W	0.29W	0.3W	0.27W	0.29W	0.29W
PHYSICAL SPECIFICATIONS	Dimensions (WxHxD) — With stand	19.6 x 13.3-19.2 x 9.8 in. / 498.9 x 337.2-487.2 x 250 mm	21.2 x 13.3-19.2 x 9.8 in. / 537.7 x 336.6-486.6 x 250mm	20.9 x 15.7-19.6 x 8.0 in. / 531.5 x 397.6-497.6 x 204.3mm	24.0 x 14.9 - 20.8 x 9.8 in. / 610.2 x 377.3 - 527.3 x 250 mm	24.1 x 14.9 - 20.8 x 9.8 in. / 611.8 x 378.0 - 528.0 x 250.0 mm	24.1 x 14.9 - 20.8 x 9.8 in. / 611.8 x 378.0 - 528.0 x 250.0 mm
	Dimensions (WxHxD) — Without stand	19.6 x 12.6 x 1.8 in. / 498.9 x 319.7 x 45.6 mm	21.2 x 12.6 x 1.8 in. / 537.7 x 319.1 x 45.6mm	20.9 x 13.7 x 1.9 in. / 531.5 x 347.8 x 47.6mm	24.0 x 14.2 x 1.8 in. 610.2 x 359.8 x 45.6 mm	24.1 x 14.2 x 2.6 in. / 611.8 x 361.9 x 67.2 mm	24.1 x 14.2 x 2.6 in. / 611.8 x 361.9 x 67.2 mm
	Net Weight — With stand	13.0 lbs. / 5.9 kg	13.4 lbs. / 6.1 kg	13.2 lbs. / 6.0 kg	16.8 lbs. / 7.6 kg	20.1 lbs. / 9.1 kg	20.9 lbs. / 9.5 kg
	Net Weight — Without stand	7.5 lbs. / 3.4 kg	7.9 lbs. / 3.6 kg	9.3 lbs. / 4.2 kg	11.0 lbs. / 5.0 kg	12.6 lbs. / 5.7 kg	13.4 lbs. / 6.1 kg
	VESA Hole Configuration	100 x 100mm					
ENVIRONMENTAL CONDITIONS	Operating Temperature	41-95°F / 5-35°C					
	Operating Humidity	20-80%					
	Operating Altitude	16404 ft. / 5000m			6563 ft. / 2000m	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				7.0	
	TCO	7.0				7.0	
	RoHS	Yes			7.0	Yes	
ADDITIONAL FEATURES		Tilt, Swivel, Pivot, Height-adjustable stand, ControlSync, Customize Setting, Integrated speakers, 3-port USB 3.1 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 software, 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	Tilt, Swivel, Pivot, Height-adjustable stand, ControlSync, Customize Setting, Integrated speakers, 3-port USB 3.0 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 software, 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	Tilt, Swivel, Pivot, Height-adjustable stand, ControlSync, Customize Setting, Integrated speakers, 3-port USB 3.0 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 software, 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	SpectraView₁ Compatible, ControlSync, Customize Setting, Integrated speakers, 3-port USB hub, LED backlit, Auto brightness with ambient light sensor, Human sensor, ECO Mode, Carbon footprint meter, Resettable cost meter, Ultra-narrow bezel, Tilt, Swivel, Dual Direction Pivot, Height-adjustable stand, Rapid Response, Ambix, XtraView, Hot Key, OSD Lock Out, Cable management, Dynamic Visual Mode, NaViSet software, VESA mount, HDCP, DDC/CI, No Touch Auto Adjust, Plug and Play (VESA DDC2B), VESA DPMS power management, AccuColor color control, Digital controls, ISO 9241-307 Class I	USB Type-C 60W power delivery, PBP mode, PBP button, Tilt, Swivel , Pivot, Height-adjustable stand, ControlSync, Customize Setting, Integrated speakers, 3-port USB 3.1 hub, LED backlit, Auto brightness with ambient light sensor, Human sensor, ECO Mode, Carbon footprint meter, Resettable cost meter, 3-sided narrow bezel, Carrying handle, Rapid Response, XtraView, Hot Key, Touch OSD controls, OSD Lock Out, Cable management, NaViSet Administrator software, VESA mount, HDCP, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, Uniformity correction, Digital controls, ISO 9241-307 Class I, DICOM SIM	USB Type-C 60W power delivery, PBP mode, PBP button, Tilt , Swivel , Pivot, Height-adjustable stand, ControlSync, Customize Setting, Integrated speakers, 3-port USB 3.1 hub, LED backlit, Auto brightness with ambient light sensor, Human sensor, ECO Mode, Carbon footprint meter, Resettable cost meter, 3-sided narrow bezel, Carrying handle, Rapid Response, XtraView, Hot Key, Touch OSD controls, OSD Lock Out, Cable management, NaViSet Administrator software, VESA mount, HDCP, DDC/CI, Plug and Play (VESA DDC2B), VESA DPMS power management, Uniformity correction, Digital controls, ISO 9241-307 Class I, DICOM SIM
SHIPS WITH		Setup sheet, User manual, Power cord, DisplayPort cable, USB cable, ControlSync cable				Setup sheet, User manual, Power cord, DisplayPort cable, USB cable, ControlSync cable, Factory Calibration Report	
LIMITED WARRANTY		3 years					