SHARP / NEC

NEC MultiSync® Series Narrow Bezel
Ultra narrow bezel desktop displays designed for everyday business use

Ultra Narrow 22″ | 24″ | 27″

Tiny bezels, large value.

NEC's ultra narrow bezel MultiSync® E Series deliver all of the business-class features needed with none of the bezels. The MultiSync® E221N, E242N, E243F, E271N and E273F include future-proof connectivity and environmentally friendly benefits in a package with ultra narrow bezels and a slim design.

E Series Desktops	
22"	E221N
24"	E242N
24"	E243F
27"	E271N
27"	E273F

Highlights

- Small bezels on three sides (1mm each)
- Touch on screen menu controls easy navigation, making display adjustments easier than ever
- 4 way ergonomic stand includes pivot in both directions
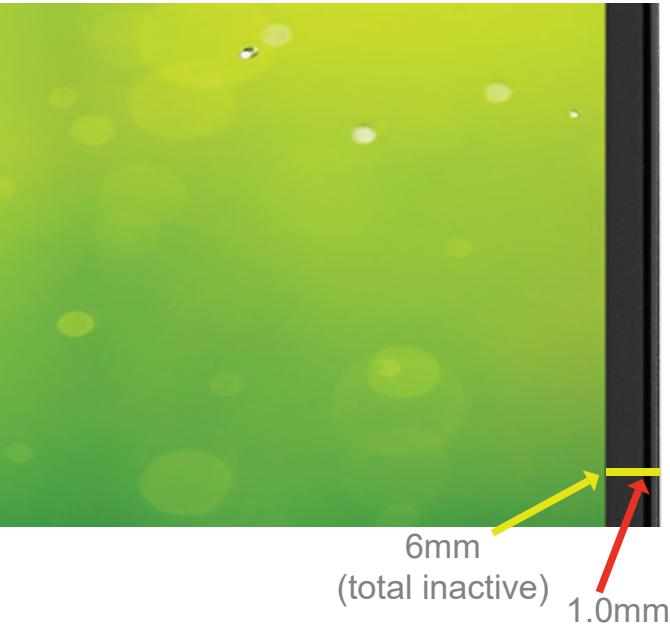- TuV Certified for Flicker Free and Low Blue Light

E221

E242N

MultiSync® E Series Ultra Narrow Features

Ultra Thin Design

The MultiSync® E Series Ultra Narrow displays feature some of the industry's smallest bezels at 1.0mm on each side. In addition, the slim cabinet is only 43.2mm from the front of the panel to the VESA mounting plate and the panel portion of the monitor is a thin 18.1mm.

6mm
(total inactive)   1.0mm

Comprehensive Input Panels

DisplayPort, HDM, and 15-pin VGA connect you to the latest peripherals and future-proofs your investment.

E221/E242N/E271N

DisplayPort, HDM, and USB Type-C connect you with the latest digital devices.

E243F/E273F

Adjustable for Every Workspace

Four-way ergonomic stand boasts dual direction pivot, tilt, swivel and height adjustment up to 130mm to maximize your viewing comfort.

IT-Friendly Features

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.

The included thin / zero client mount makes installing a thin client easy. The 100mm VESA mount is designed to fit most thin clients on the market.

MultiSync® MODEL		E221N	E242N	E243F	E271N	E273F
DISPLAY	Panel Technology	AH-IPS	IPS	IPS	IPS	IPS
	Backlight Type	White LED	White LED	LED	White LED	LED
	Viewable Image Size	21.5"	23.8"	23.8"	27"	
	Aspect Ratio	16:9	16:9	16:9	16:9	
	Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	
	Pixel Pitch	0.24795mm	0.275mm	0.275mm	0.27mm	0.311mm
	Pixels Per Inch (at native resolution)	102.4	93	93	82	
	Brightness (typical)	250 cd/m²				
	Contrast Ratio (typical)	1000:1				
	Color Gamut* — Adobe RGB Coverage/Size**			75.3		75.3
	Color Gamut* — NTSC Coverage/Size			72		72
	Color Gamut* — sRGB Coverage/Size			101.6		101.6
	Viewing Angle (typical)	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10				
	Downward tilt	Downward tilt 5°				
	Upward tilt	Upward tilt 20°	Upward tilt 25°	Upward tilt 35°	Upward tilt 25°	
	Response Time (typical)	6ms				
	Displayable Colors	More than 16.7 million				
	Synchronization Range					
	Horizontal (Analog/Digital)	31.5 KHz - 81.1 KHz	31.5 KHz - 81.1 KHz	31.5-83.0 KHz	31.5 KHz - 81.1 KHz	31.5-83.0 KHz
	Vertical	56.0Hz - 75.0 Hz	56.0Hz - 75.0 Hz	~50 - ~75 Hz	56.0Hz - 75.0 Hz	~50 - ~75 Hz
	Input Signal — Video	Analog RGB 0.7 Vp-p/75 Ohms				
	Input Signal — Sync	Separate sync: TTL Level (Positive/Negative)				
	Input Connectors	DisplayPort 1.1a, HDMI 1.4, VGA, analog audio	DisplayPort 1.1a, HDMI 1.4, VGA, analog audio	DisplayPort, HDMI, USB Type-C	DisplayPort 1.1a, HDMI 1.4, VGA, analog audio	DisplayPort, HDMI, USB Type-C
	Output Connectors	Headphone audio	Headphone audio		Headphone audio	
	USB — Hub		USB 3.1, 1 up / 3 down	USB 3.1, 1 up / 3 down		USB 3.1, 1 up / 3 down
	Power Delivery			Yes		Yes
POWER CONSUMPTION	On (typical)	25W	16W	15W	16W	18W
	Power Savings Mode (typical)	0.29W	0.3W	0.40W	0.26W	0.36W
PHYSICAL SPECIFICATIONS	Dimensions (WxHxD) — With stand	19.2 x 14.2 - 18.5 x 8.4 in. / 488.1 x 359.8 - 469.8 x 213.9 mm	21.2 x 14.7 - 19.1 x 8.4 in. / 538.6 x 373.9 - 483.9 x 213.9 mm	21.2 x 13.1 x 7.5 in. / 538.1 x 332.6 x 190.0 mm	24.0 x 14.8 - 20.0 x 11.1 in. / 610.4 x 376.9 - 503.9 x 282.6 mm	24.0 x 15.4 - 20.5 x 11.0 in. / 610.7 x 391.7 - 521.7 x 278.7 mm
	Dimensions (WxHxD) — Without stand	19.2 x 11.5 in. x 1.9 in. / 488.1 x 291.0 x 47.6 mm	21.2 x 12.6 x 1.9 in. / 538.6	21.2 x 12.6 x 1.8 in. / 538.1 x 320.2 x 46.8 mm	24.0 x 14.2 x 1.8 in. / 610.4 x 359.9 x 46.6 mm	24.0 x 14.2 x 2.0 in. / 610.7 x 360.3 x 51.8 mm
	Net Weight — With stand	11.0 lbs. / 5.0 kg	12.3 lbs. / 5.6 kg	12.1 lbs. / 5.5 kg	18.1 lbs. / 8.2 kg	18.5 lbs. / 8.4 kg
	Net Weight — Without stand	6.6 lbs. / 3.0 kg	7.9 lbs. / 3.6 kg	7.6 lbs. / 3.5 kg	11.2 lbs. / 5.1 kg	12.6 lbs. / 5.7 kg
	VESA Hole Configuration	100mm x 100mm				
ENVIRONMENTAL CONDITIONS	Operating Temperature	41-95°F / 5-35°C				
	Operating Humidity	20% - 80%				
	Operating Altitude	2000 m / 6562 ft	2000 m / 6562 ft	16,404 ft. / 5000m	2000 m / 6562 ft	16,404 ft. / 5000m
	Storage Temperature	10°C - 60°C / 14°F - 140°F				
	Storage Humidity	10% - 85% (without condensation)	10% - 85% (without condensation)	10-85%	10% - 85% (without condensation)	10-85%
	Storage Altitude	40,000 ft. / 12,192m				
ENVIRONMENTAL COMPLIANCE	ENERGY STAR	7.0	8.0	8.0	7.0	8.0
	TCO	7.0	8.0	8.0		8.0
	RoHS	Yes				
ADDITIONAL FEATURES		ECO Mode; Carbon footprint meter; Ultra Narrow Bezels; Tilt; Swivel; Dual Direction Pivot; Carrying handle; Audio input; Headphone output; Rapid Response; Ambix; XtraView; OSD® user controls; OSD Lock Out; Cable management; NaViSet™ Administrator 2; VESA mount; HDMI-capable via DVI adapter; HDCP; DDC/CI; No Touch Auto Adjust; Plug and Play (VESA DDC 2B); VESA DPMS power management; Dynamic Video Mode; Digital controls; ISO 9241-307 Class I		ECO Mode, Carbon footprint meter, Ultra Narrow Bezels, Tilt, Carrying handle, Audio input, Headphone output, Rapid Response, Ambix, XtraView, OSD® user controls, OSD Lock Out, Cable management, NaViSet™ Administrator 2, VESA mount, HDCP, DDC/CI, No Touch Auto Adjust, Plug and Play (VESA DDC 2B), VESA DPMS power management, Energy Star 8.0, TCO 8.0, Dynamic Video Mode, Digital controls, ISO 9241-307 Class I, Low Blue Light, Flicker Free	ECO Mode, Carbon footprint meter, Ultra Narrow Bezels, Tilt, Swivel, Dual Direction Pivot, Carrying handle, Audio input, Headphone output, Rapid Response, Ambix, XtraView, OSD® user controls, OSD Lock Out, Cable management, NaViSet™ Administrator 2, VESA mount, HDMI-capable via DVI adapter, HDCP, DDC/CI, No Touch Auto Adjust, Plug and Play (VESA DDC 2B), VESA DPMS power management, Dynamic Video Mode, Digital controls, ISO 9241-307 Class I	ECO Mode,Carbon footprint meter, Ultra Narrow Bezels, Tilt, Carrying handle, Audio input, Headphone output, Rapid Response, Ambix, XtraView, OSD® user controls, OSD Lock Out, Cable management, NaViSet™ Administrator 2, VESA mount, HDCP, DDC/CI, No Touch Auto Adjust, Plug and Play (VESA DDC 2B), VESA DPMS power management, Energy Star 8.0, TCO 8.0, Dynamic Video Mode, Digital controls, ISO 9241-307 Class I, Low Blue Light, Flicker Free
SHIPS WITH		Setup Manual, Contents Sheet, NaViSet Administrator 2 flyer, Power cord, DisplayPort cable, Thin / Zero client VESA plate		Setup Manual; Contents Sheet; California Propostition Sheet; Energy Star 8.0 Sheet; Power cord; DisplayPort cable; Height and Tiltable Stand	Setup Manual, Contents Sheet, NaViSet Administrator 2 flyer, Power cord, DisplayPort cable, Thin / Zero client VESA plate	Setup Manual; Contents Sheet; California Propostition Sheet; Energy Star 8.0 Sheet; Power cord; DisplayPort cable; Height and Tiltable Stand
LIMITED WARRANTY		3 years				

E221N-BK   E242N-BK   E243F-BK   E271N-BK   E273F-BK