

# 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



Flicker Free



www.tuv.com  
ID 1419039576



Low Blue Light  
Content



www.tuv.com  
ID 1419039574

E242N



Flicker Free



www.tuv.com  
ID 1419039572



Low Blue Light  
Content

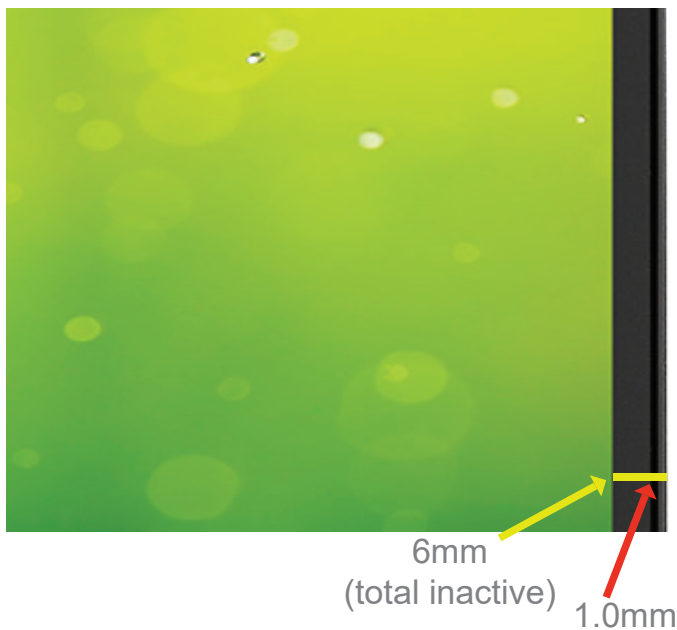


www.tuv.com  
ID 1419039568

## 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.



### Comprehensive Input Panels

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

E221/E242N/E271N



DisplayPort, HDMI, 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/m <sup>2</sup>   |  |  |
|                             | Contrast Ratio (typical)  |   |   |   | 1000:1  |  |  |
|                             | Color Gamut*  | Adobe RGB Coverage/Size**                       |   |   | 75.3  | 75.3   |  |
|                             |   | NTSC Coverage/Size                              |   |   | 72  | 72   |  |
|                             |   | 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                     |   |   |   |  |  |
|                             | 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   |   |  |  |
| 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 |
|                             |   | 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   |
|                             |   | 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   | 7.0   | 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; 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, 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 Proposition Sheet, Energy Star 8.0 Sheet, Power cord; DisplayPort cable; Height and Tilttable Stand  |   | Setup Manual, Contents Sheet, NaViSet Administrator 2 flyer, Power cord, DisplayPort cable, Thin / Zero client VESA plate   |  |  |
| LIMITED WARRANTY            | 3 years   |   |   |   |   |  |  |



E221N-BK



E242N-BK



E243F-BK



E271N-BK



E273F-BK

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