

NEC E SERIES

Essential performance. Enticingly priced.



**LED-Backlit, Commercial-Grade LCD Displays
Ideal for Education, Corporate and Digital Signage Applications**

The Essentials

With a brilliant panel and simplified controls, the NEC E Series delivers everything you need for captivating digital signage

- Integrated RS-232C allows for external control of the display
- High-definition and high contrast ratio displays provide stunning images
- Built-in tuner allows for high-definition broadcast capabilities
- Additional energy options include a Power Savings Mode to further reduce energy consumption

The Extras

Delivering more than just the basics, the NEC E Series has integrated features that will leave no head unturned

- Present, share and collaborate with included DisplayNote® NEC Edition presenter license
- LED backlighting enables eco-friendly digital signage
- Reduced bezel width creates seamless digital signage
- Multiple HDMI ports enhance best-in-class connectivity
- Internal, 10W down-firing stereo speakers enhance the experience with superior sound
- 3-year warranty protects your investment

Performance-Driven Design

The Essential

Quality design and performance is expected of digital signage displays in order to attract, engage and inform audiences. With a slim, sleek bezel and a high contrast panel, NEC E Series displays are points of attraction poised to deliver brilliant content.

The Extras

The NEC E Series goes above and beyond what you've come to know as a traditional display design. With an LED edge-lit backlighting source that contributes to a reduced depth and lighter weight, these displays are mere slivers of the previous generation of displays. These benefits also make this fourth generation of E Series displays easy to transport and install.



Corporate Applications



The Essential

Ideal for digital signage in corporate lobbies, and presentations, video conferencing and boardrooms, the NEC E Series provides the basics for control (RS-232C) in concert with a brilliant display.

The Extras

LED backlighting enables a thinner, sleeker display - all the better to showcase corporate messaging and enable cross-company collaboration. LED backlighting also leads to reduced total cost of ownership and, with a mercury-free design, it has a reduced environmental impact as well.

Education Applications



The Essential

With integrated speakers and a tuner, the NEC E Series is designed for implementation in educational environments. Digital signage can achieve campus-wide connectivity through a single point of access by alerting passersby of upcoming events and emergency notifications, while classroom displays provide a bright alternative to projector screens.

The Extras

The NEC E Series is perfect for schools looking to upgrade their old CRT televisions. Impress prospective students, parents and visitors with a progressive, technology-forward school environment. What's more - these displays are priced to compete, meaning even schools with the tightest of budgets can upgrade their classrooms.

Eco-friendly Features

The Essential

Environmental features are an expected consideration when it comes to digital signage and the NEC E Series is no exception. An integrated backlight adjust setting allows users to customize the backlight strength, enabling a longer display life and lower power consumption. An energy savings picture mode is built into the on-screen menu to improve energy efficiency.

The Extras

With LED backlighting, the NEC E Series is more slim and sleek than ever. Not only are LED backlights mercury-free, they contribute to reduced power consumption and therefore a lower total cost of ownership.



Specifications for E324/E424/E464/E554/E654

| MODEL | E324 | E424 | E464 | E554 | E654 |
|---------------------------------------|---|---|--|---|---|
| QUICK SPECS |    |    |    |    |    |
| LCD MODULE | A-MVA | | | | |
| Panel Technology | A-MVA | | | | |
| Viewable Image Size | 32" | 42" | 46" | 55" | 65" |
| Native Resolution | 1360 x 768 | 1920 x 1080 | | | |
| Brightness (Typical/Max) | 350 cd/m ² | 360 cd/m ² | 350 cd/m ² | | |
| Contrast Ratio (Typical) | 3000:1 | 1200:1 | 4000:1 | | |
| Viewing Angle | 178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10 | | | | |
| Aspect Ratio | 16:9 | | | | |
| Active Screen Area (W x H) | 27.5 x 15.4 in. / 697.7 x 392.2mm | 36.9 x 20.9 in. / 938.2 x 531.3mm | 40.4 x 22.9 in. / 1026.1 x 580.7mm | 47.9 x 27.1 in. / 1217.2 x 687.8mm | 56.3 x 31.7 in. / 1430.9 x 806mm |
| Orientation | Landscape | | | | |
| Displayable Colors | More than 16.7 million | | | | |
| CONNECTIVITY | | | | | |
| PC/Mac Signal Compatibility | Yes | | | | |
| Input Terminals | | | | | |
| Digital | HDMI (3) | | | | |
| Analog | VGA 15-pin D-sub, RCA (Y, Cb/Pb, Cr/Pr) Component | | | | |
| Audio | HDMI Audio, Stereo Mini-Jack | | | | |
| External Control | RS-232C | | | | |
| Output Terminals | | | | | |
| Audio | SPDIF | | | | |
| Audio Amplifier | 10W (down-firing) | | | | |
| POWER CONSUMPTION | | | | | |
| On (Typical) | 45W | 85W | 100W | 122W | 260W |
| ECO Mode Standby | <0.5W | | | | |
| PHYSICAL SPECIFICATIONS | | | | | |
| Bezel Width (L/R, T/B) | 0.39 in./0.39 in., 0.39 in./1.3 in.; 9.9mm/9.9mm, 9.9mm/32.4mm | 0.37 in./0.37 in., 0.37 in./1.3 in.; 9.5mm/9.5mm, 9.5mm/32.4mm | 0.39 in./0.39 in., 0.39 in./1.3 in.; 9.9mm/9.9mm, 9.9mm/32.4mm | 0.39 in./0.39 in., 0.39 in./1.3 in.; 9.9mm/9.9mm, 9.9mm/32.4mm | 0.7 in./0.7 in., 0.7 in./1.9 in.; 18mm/18mm, 18mm/48mm |
| Net Dimensions (without stand; WxHxD) | 28.6 x 17.4 x 2.5 in. / 725.7 x 442.8 x 62.8mm | 37.7 x 22.6 x 2.5 in. / 957.6 x 574.0 x 63.5mm | 41.2 x 24.5 x 2.5 in. / 1046.4 x 622.3 x 63.5mm | 48.9 x 28.9 x 2.5 in. / 1242.1 x 734.1 x 63.5mm | 57.7 x 34.3 x 4 in. / 1465.6 x 871.22 x 101.6mm |
| Net Weight (without stand) | 14.8 lbs. / 6.7 kg | 26.7 lbs. / 12.1 kg | 30 lbs. / 13.6 kg | 44.2 lbs. / 20.1 kg | 68 lbs. / 30.9 kg |
| VESA Hole Configuration | 100 x 100mm (4-hole) | 400 x 400mm (4-hole) | | | |
| ENVIRONMENTAL CONDITIONS | | | | | |
| Operating Temperature | 32-104°F / 0-40°C | | | | |
| Operating Humidity | 10 - 80% | | | | |
| Operating Altitude | 6562 ft. / 2000m | | | | |
| LIMITED WARRANTY | 3 years parts and labor, including backlight* | | | | |
| ADDITIONAL FEATURES | Built-in NTSC/ATSC (8-VSP, Clear QAM) analog/digital tuner; Variable picture modes (Dynamic Standard/Energy Savings/Theater/Custom); Advanced Video/Audio Settings; Sleep Timer; Built-In closed captioning; Parental Control (V-Chip Function); Power management; USB Port | | | | |
| SHIPS WITH | Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; CD-ROM (user manual); Stand; Thumbscrews; RS-232 adaptor | | | | |
| OPTIONAL ACCESSORIES | | | | | |
| NEC | External Single Board Computer (TNETPC-AF-WS); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513) | | | | |

* Warranty restrictions apply. Contact your representative for details.



Icon Key

-  LED-backlit
-  Built-in speakers
-  Eco-friendly



For times when the remote is not available, full display controls are conveniently situated on the side of the bezel, allowing you to change channels, adjust the volume and access the on-screen display manager.



Product specifications subject to change.
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 25.NEC.80.GL.UN.124 rev. 8.25.13

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