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

- LED backlighting enables eco-friendly digital signage
- White LED edge lighting enables a thinner and lighter display, making installation and maintenance easier
- 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

necdisplay.com **NEC**

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 third generation of E Series displays easy to transport and install.

Corporate Applications

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

The Extras
Edge-lit 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 E323/E423/E463/E553

MODEL	E323	E423	E463	E553
QUICK SPECS	LED-backlit / Built-in speakers / USB media player / Eco-friendly	LED-backlit / Built-in speakers / USB media player / Eco-friendly	LED-backlit / Built-in speakers / USB media player / Eco-friendly	LED-backlit / Built-in speakers / USB media player / Eco-friendly
LCD MODULE				
Panel Technology	A-MVA			
Viewable Image Size	32"	42"	46"	55"
Native Resolution	1360 x 768	1920 x 1080		
Brightness (Typical/Max)	350 cd/m²			400 cd/m²
Contrast Ratio (Typical)	4000:1	3000:1		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	36.6 x 20.6 in. / 930.3 x 523.3mm	40.1 x 22.5 in. / 1018 x 572.7mm	47.6 x 26.8 in. / 1209.6 x 680.4mm
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	RCA Audio, HDMI Audio, Audio Mini-Jack			
External Control	RS-232C			
Output Terminals				
Audio	Optical Digital Audio			
Audio Amplifier	10W (down-firing)			
POWER CONSUMPTION				
On (Typical)	65W	100W	125W	160W
ECO Mode Standby	<1W			
PHYSICAL SPECIFICATIONS				
Bezel Width (L/R, T/B)	0.87 in./0.87 in., 0.87 in./1.9 in. ; 22mm/22mm, 22mm/48.8mm			0.94 in./0.94 in., 0.94 in./1.9 in. ; 23.8mm/23.8mm, 23.8mm/49mm
Net Dimensions (without stand; WxHxD)	29.3 x 18.4 x 2.3 in. / 745.2 x 466.5 x 58mm	38.5 x 23.5 x 2.3 in. / 978.2 x 597.9 x 58mm	41.9 x 25.5 x 2.3 in. / 1065.9 x 646.8 x 58mm	49.7 x 30.7 x 1.97 in. / 1261.2 x 779.8 x 50mm
Net Weight (without stand)	17.6 lbs. / 8 kg	27.3 lbs. / 12.4 kg	32.8 lbs. / 14.9 kg	50 lbs. / 22.7 kg
VESA Hole Configuration	200 x 100mm (4-hole)	400 x 400mm (4-hole)		
ENVIRONMENTAL CONDITIONS				
Operating Temperature	32-104°F / 0-40°C			
Operating Humidity	10 - 85%			
Operating Altitude	9843 ft. / 3000m			
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-ION); 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

 USB media player

 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.

ENERGY STAR

NEC