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Essential performance. Enticingly priced.

# NEC E SERIES

Large Screen LED-backlit LCD 32" | 42" | 46" | 55"



## 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 USB Player allows for playback of picture files
- 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
- 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.



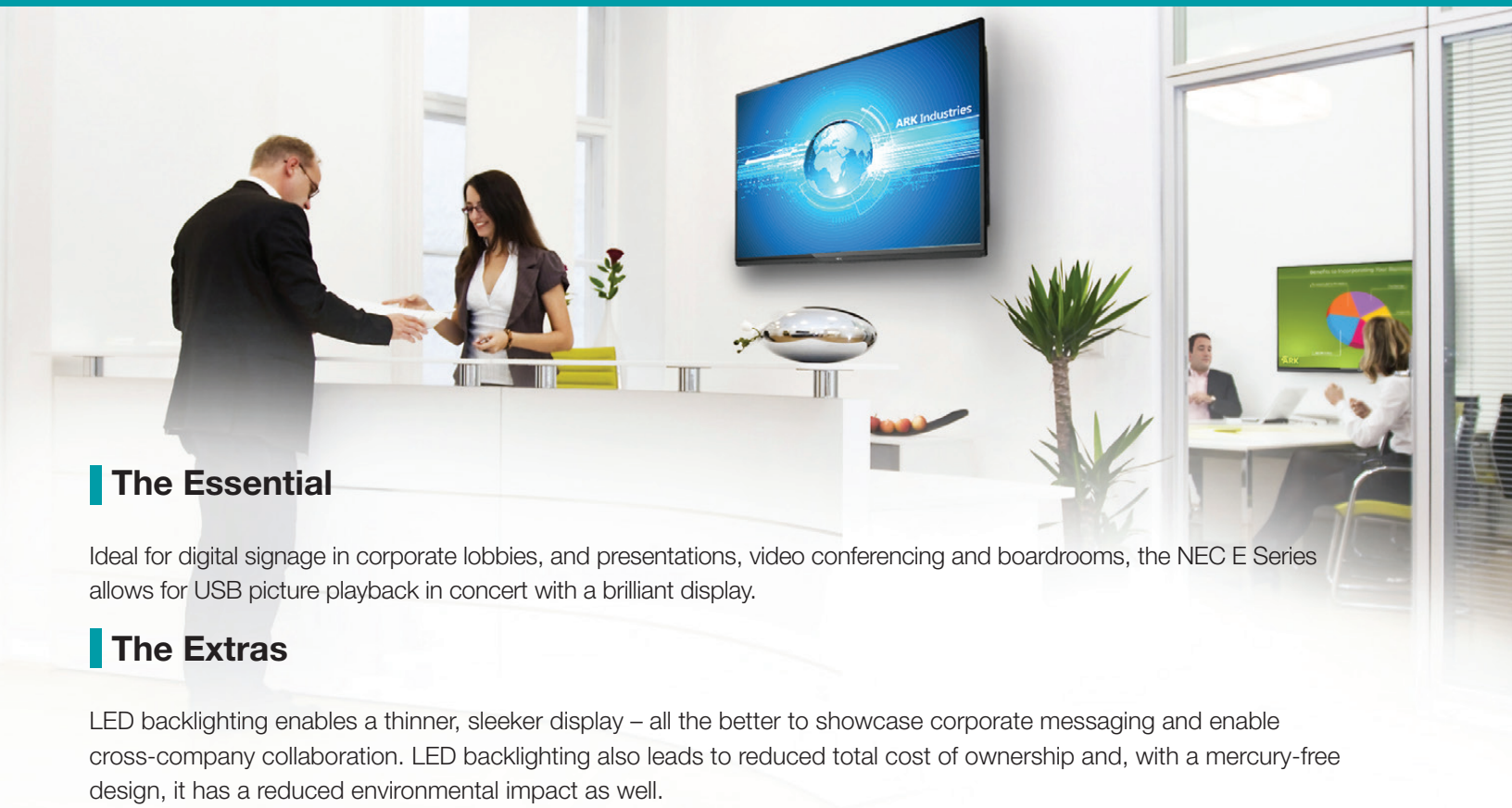
## Corporate Applications

## The Essential

Ideal for digital signage in corporate lobbies, and presentations, video conferencing and boardrooms, the NEC E Series allows for USB picture playback 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.

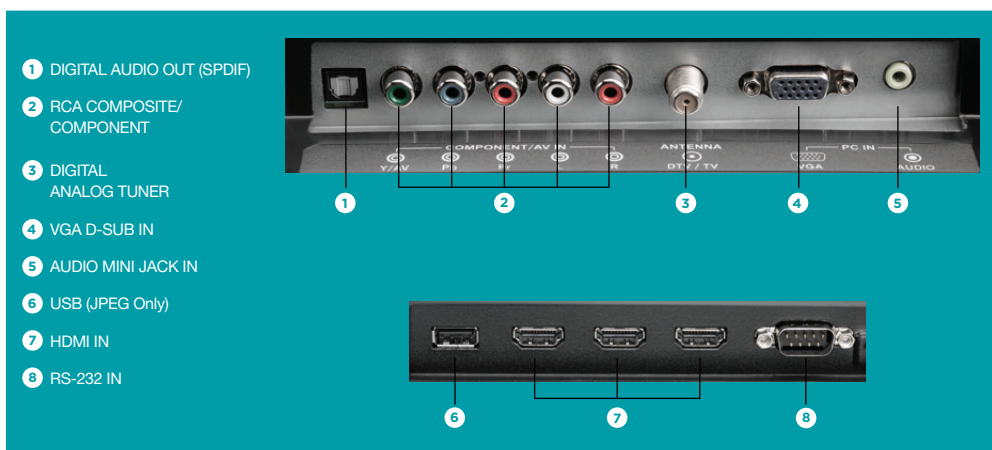


## Specifications

MODEL	E324	E424	E464	E554
<b>LCD MODULE</b>				
Panel Technology	A-MVA			
Viewable Image Size	32"	42"	46"	55"
Native Resolution	1360 x 768	1920 x 1080		
Brightness (Typical/Max)	350 cd/m <sup>2</sup>	360 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	
Contrast Ratio (Typical)	3000:1	1200:1	4000:1	
Viewing Angle	176° Vert., 176° Hor. (88U/88D/88L/88R) @ 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
Orientation	Landscape			
Displayable Colors	More than 16.7 million			
<b>CONNECTIVITY</b>				
PC/Mac Signal Compatibility	Yes			
<b>Input Terminals</b>				
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*			
<b>Output Terminals</b>				
Audio	SPDIF			
<b>Audio Amplifier</b>	10W (down-firing)			
<b>POWER CONSUMPTION</b>				
On (Typical)	45W	85W	100W	122W
ECO Mode Standby	<0.5W			
<b>PHYSICAL SPECIFICATIONS</b>				
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
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
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
VESA Hole Configuration	100 x 100mm (4-hole)		400 x 400mm (4-hole)	
<b>ENVIRONMENTAL CONDITIONS</b>				
Operating Temperature	32-104°F / 0-40°C			
Operating Humidity	10 - 80%			
Operating Altitude	6562 ft. / 2000m			
<b>LIMITED WARRANTY</b>				
	3 years parts and labor, including backlight**			
<b>ADDITIONAL FEATURES</b>				
	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			
<b>SHIPS WITH</b>				
	Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; CD-ROM (user manual); Stand; Stand Screws			
<b>OPTIONAL ACCESSORIES</b>				
NEC	External Single Board Computer (TNETPC-AF-WS); Wall Mount Kit (WMK-3257); Any OPS PC in combination with the OPS-DOCK			

\* RS-232C communication is only unilateral. The displays will not send feedback commands.

\*\* Warranty restrictions apply. Contact your representative for details.



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