Empowered by Innovation

NEC E Series LCD Large Format Displays

E324 / E424 / E464 / E554 / E654

For affordable digital signage applications yet with impressive screen performance, the E Series features the latest direct LED backlight technology for a slim design, lightweight and very low power consumption.

These displays are suitable for light retail environments, leisure and museums, hospitality, education and conferencing applications with limited requirements for brightness and operating hours up to 12/7.



DELIVERING GENUINE BENEFITS

Reduced Installation and Operating Costs — featuring LED backlight technology the display is highly energy efficient with a low power consumption, longer backlight lifetime and a lighter design for easy and flexible transportation, mounting and integration.

Slim Design and Integrated Speakers — the aesthetic design is pleasing to the eye and enables easy, low cost installation.

Future Ready Connectivity — featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.



OUTSTANDING PERFORMANCE

3 HDMI Inputs — These displays can be used for presentation of multiple different sources like TV-receivers, media players or PCs. This feature allows customers to use the displays for a variety of flexible uses.

Digital Audio Output — A must in large venue installations since analogue audio outputs are mostly subject to noise.

RS232C — Displays in large or remote installations can be easily maintained and checked remotely which reduces cost and effort.

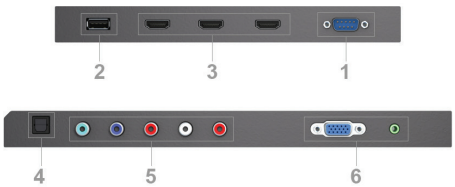
LED Backlight for a more compact design and reduced power consumption.

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NEC E Series Specifications

Technical Specifications NEC E Series Displays					
	E324	**E424**	**E464**	**E554**	**E654**
LCD module					
Panel Technology	Edge LED backlights				
Active Screen Area (W x H) [mm]	698 x 392	930 x 523	1,018 x 573	1,210 x 680	1,428 x 804
Screen Size [inch/cm]	32 / 81	42 / 107	46 / 117	55 / 140	65 / 165
Aspect Ratio	16:9				
Brightness (shipping) [cd/m²]	350	350	370	350	350
Contrast Ratio (typ.)	3000:1			4000:1	
Panel Refresh Rate [Hz]	60			120	
SYNCHRONISATION RATE					
Horizontal Frequency [kHz]	31 - 83 (analogue and digital)				
RESOLUTION					
Native Resolution	1366 x 768	1920 x 1080			
Supported on digital and analogue inputs (PC)	1920 x 1080; 1366 x 786; 1280 x 800; 1280 x 720; 1024 x 768; 800 x 600; 720 x 400; 640 x 480				
Supported on digital inputs (Video)	1920 x 1080i; 1920 x 1080p; 1280 x 720p; 720 x 480i; 720 x 480p				
CONNECTIVITY					
Input Video Analogue	1 x D-sub 15 pin; 1 x RCA (Component / Composite + Audio)				
Input Video Digital	3 x HDMI				
Input Audio Digital	3 x HDMI				
Output Audio Digital	1 x SPDIF				
Remote Control	RS232C (9-pin D-sub) input; Remote control IR				
ELECTRICAL					
Power Consumption on Mode [W]	55 (max.)	86 (max.)	100 (max.)	122 (max.)	260 (max.)
Power Savings Mode [W]	< 0.5 (Standby)				
Power Management	VESA DPMS				
ENVIRONMENTAL CONDITIONS					
Operating Temperature [°C]	0 to +40				
Operating Humidity [%]	10 to 80				
Storage Humidity [%]	5 to 85				
Storage Temperature [°C]	-10 to +60				
MECHANICAL					
Dimensions (without stand) (W x H x D) [mm]	726 x 443 x 63	957 x 573 x 63	1,046 x 623 x 63	1241 x 735 x 63	1,467 x 872 x 100
Weight (without stand) [kg]	6.7	11.7	13.8	20.2	30.1
Bezel Width [mm]	32.4 (bottom); 9.9 (left, right and top)	32.4 (bottom); 9.5 (left, right and top)	32.4 (bottom); 9.9 (left, right and top)	35.4 (bottom); 11.9 (left, right and top)	47.7 (bottom); 18 (left, right and top)
VESA Mounting [mm]	100 x 100 (FDMI); 4 holes; M4	400 x 400 (FDMI); 4 holes; M6	400 x 400 (FDMI); 4 holes; M6	400 x 400 (FDMI); 4 holes; M6	400 x 400 (FDMI); 4 holes; M6
AVAILABLE OPTION Accessories	Wall Mounts (MSAU, MSMU, LSAU, LSMU)				
ADDITIONAL FEATURES					
Colour Versions	Black front bezel, Black back cabinet				
Safety and Ergonomics	Energy Star 6.0 (except E654); CE; C-tick; FCC Class B; UL/C-UL; PSB; RoHS				
Audio	Integrated Speakers (10 W + 10 W)				
Shipping Content	Foot; Display; Power cord; VGA cable; Remote control + batteries (AAA x 2); Setup manual				



1. RS232C Input
2. USB
3. HDMI-Input
4. SPDIF Output (Fiber Optical)
5. Component/Composite + Audio
6. PC Input/D-sub + Audio

*Layout applicable for E554 & E654

SPECIAL CHARACTERISTICS

Audio settings with equaliser, Colour temperature mode, Energy saving picture mode, Mac and Windows compatible, USB viewer for JPEG.

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

Ecological Standards

ENERGY STAR

EnergyStar

For more information, visit www.nec.com.au, email contactus@nec.com.au or call 131 632

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