

NEC E Series Large Format Displays

32", 43", 49", 55" and 65" LED-Backlit, 4K UHD LCD Displays



Essential Performance. Enticingly Priced Ideal for Retail Signage and Meeting Room Applications

The Essentials

With a brilliant 4K UHD* panel and simplified controls, the NEC E series delivers everything you need for captivating digital signage.

- Integrated USB Media Player allows for playback of video, audio and picture files and additional USB Port for 5V/3A power delivery
- Ultra high definition panel (3840 x 2160)* and high contrast ratio with local dimming provides stunning imagery.
- Integrated LAN port for network control over IP
- 3-year warranty protects your investment
- Supports Audio/Video Mute Setting, and can also be muted individually
- External Power Supply at USB-C (5V/3A Max) for direct connection to external IoT devices such as Raspberry Pi using a USB-C cable

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
- Simple 24-hour scheduler feature allows for programmable on/off times
- Multiple HDMI ports enhance best-in-class connectivity
- Internal, 10W** down-firing stereo speakers enhance the experience with superior sound
- Ability to wake the display simply by plugging HDMI or VGA into the unit
- Tilt Installation (-10°~10°) The display can be tilted back and forth to install it at a more visible angle
- Embedded Joystick key for an intuitive operation by showing key guidance on screen

*E328 has FHD (1920 x 1080) resolution

**E328 has integrated 5W x 2 down-firing stereo speakers

MODEL		E328	E438	E498	E558	E658
LCD MODULE	Panel Technology	IPS				
	Viewable Image Size	32"	43"	49"	55"	65"
	Native Resolution	1920 x 1080	3840 x 2160			
	Brightness	350 cd/m ²				
	Contrast Ratio	1200:1	≥8000:1			
	Viewing Angle	178° Vertical, 178° Horizontal (typ. at contrast ratio 10:1)				
	Aspect Ratio	16:9				
	Displayable Colors	16.7 Million	Over 1.07 Billion			
CONNECTIVITY	Input Terminals	Digital	HDMI 2.0 x3*			
		Analog	VGA (mini 15pin D-SUB) - Component VGA share (D-SUB) - Composite (mini jack 3.5mm)			
		Audio	Audio Mini Jack 3.5mm			
		External Control	LAN, RS232C**			
	Output Terminals	USB Type A Port	USB Media Player (5V/500 mA)			
		USB Type C Port	Power Supply for External Devices (5V/3A)			
		Audio	SPDIF / Audio Mini Jack 3.5mm			
POWER CONSUMPTION	Speaker Rating	Integrated 5W x 2	Integrated 10W x 2			
	On (Shipping)	33W	72W	109W	105W	144W
	Network Standby	2W				
	Standby	0.5W				
PHYSICAL SPECIFICATIONS	Current Rating	0.9A - 0.4A @ 100V - 240V	1.5 - 0.6A @ 100V - 240V	2.1 - 0.8A @ 100V - 240V	2.1 - 0.8A @ 100V - 240V	2.5 - 1.0A @ 100V - 240V
	Bezel Width (L/R, T/B)	12.5mm/12.5mm, 12.5mm/13.9mm				13.0mm/13.0mm, 13.0mm/14.4mm
	Net Dimensions (Without stand; W x H x D)	726.6 x 422.4 x 67.1 mm	970.2 x 559.8 x 71.0 mm	1102.8 x 634.4 x 71.6 mm	1238.6 x 710.8 x 72.0 mm	1457.5 x 883.9 x 73.0 mm
	Net Weight (Without Stand)	5.7kg	10.2kg	12.1kg	16.8kg	23.3kg
ENVIRONMENTAL CONDITIONS	VESA Hole Configuration	4x M6 (100 x 100)	4x M6 (200 x 400)			4x M6 (400 x 600)
	Operating Temperature	0 to 40°C				
	Operating Humidity	20-80% (without condensation)				
WARRANTY	Operating Altitude	0-3000m				
		3 Years				
ADDITIONAL FEATURES	Naviset Administrator 2 Compatible, Wake on Video Signal, ON/Off Schedule Function, USB Media Player, Integrated Speakers, HDR Gamma, IP Addressable, External Control through and LAN, HDMI CEC, HDMI ARC (Audio Return Channel)					
SHIPS WITH	Power Cable, HDMI Cable, IR Remote Control, Batteries					
Other Accessories	Table Top Stand (ST-32E2)			Table Top Stand (ST-55E)		

* E328: 4K Signal is downscaled and displayed at FHD

** LAN and RS-232C communication is unilateral when the display is in standby. The only supported command in this mode is Power On. Once on, the display will send feedback information. Ping via IP address is available in standby

- LAN port (RJ-45)
- RS-232C (9-pin D-SUB)
- USB Type-C port (power supply 5 V/3 A)
- Headphone terminal (stereo mini jack)
- Digital audio output terminal
- AV input terminal
- HDMI1 (ARC), HDMI2, HDMI3 In
- VGA In (15-pin D-SUB)
- Audio input terminal (stereo mini jack)
- USB Type-A port



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