

# SHARP

## NEC E Series

Large Screen LED-backlit LCD 32" | 43" | 49" | 55" | 65"

Essential performance. Enticingly priced.



## LED-Backlit, 4K UHD LCD Displays Ideal for Education, Corporate and Digital Signage Applications

### Highlights

#### 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.
- Built-in tuner allows for high-definition broadcast capabilities
- 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\*\*\*

\*E328-2 has FHD (1920 x 1080) resolution

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

\*\*\* When using this function, "Power Supply" has to be set to [ON] in OSD

#### 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 desired angle
- Embedded Joystick key for an intuitive operation by showing key guidance on screen

**4K UHD**



		E328-2	E438	E498	E558	E658
LCD MODULE	Panel Technology	IPS				
	Viewable Image Size	31.5"	42.5"	48.5"	54.6"	64.5"
	Native Resolution	1920 x 1080	3840 x 2160			
	Brightness (Typical/Minimum)	350 cd/m <sup>2</sup> / 320 cd/m <sup>2</sup>				
	Contrast Ratio (Typical)	8,000:1 (Out of the box conditions, local dimming ON)				
	Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R)				
	Aspect Ratio	16:9				
	Displayable Colors	16.7 Million	Over 1.07 Billion			
CONNECTIVITY	Input Terminals					
	Digital	HDMI x3 (2.0)*				
	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**				
	Tuner	Integrated ATSC (8-VSB, Clear-QAM)/NTSC Coaxial Tuner				
	USB Type-A port	USB Media Player (5V/500 mA)				
	USB Type-C port	Power Supply (5V/3A)				
	Audio	Audio Mini Jack 3.5mm				
	Output Terminals					
Audio	SPDIF / Audio Mini Jack 3.5mm (for headphones)					
POWER CONSUMPTION	Speaker Rating	Integrated 5W x 2	Integrated 10W x 2			
	On (Typ/Max Brightness/ All Max)	33W/41W/80W	72W/84W/130W	109W/129W/180W	105W/125W/180W	144W/174W/220W
	Network Standby	2W				
	Standby	0.5W				
PHYSICAL SPECIFICATIONS	Current Rating	0.9A - 0.4A @ 100V - 240V	1.5A - 0.6A @ 100V - 240V	2.1A - 0.8A @ 100V - 240V	2.1A - 0.8A @ 100V - 240V	2.5A - 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)	"28.61 x 16.63 x 2.64 in. 726.6 x 422.4 x 67.1 mm"	38.3 x 22.04 x 2.80 in. 970.2 x 559.8 x 71.0 mm	43.42 x 24.98 x 2.82 in. 1102.8 x 634.4 x 71.6 mm	48.76 x 27.98 x 2.83 in. 1238.6 x 710.8 x 72.0 mm	57.38 x 32.83 x 2.87 in. 1457.5 x 883.9 x 73.0 mm
	Net Weight (Without Stand)	5.7kg / 12.5lbs.	10.2kg / 22.4lbs.	12.1kg / 26.7lbs.	16.8kg / 37.0lbs.	23.3kg / 51.3lbs.
ENVIRONMENTAL CONDITIONS	VESA Hole Configuration	100 x 100	200 x 400			400 x 600
	Operating Temperature	0 - 40 °C / 32 - 104 °F				
	Operating Humidity	20-80% (without condensation)				
LIMITED WARRANTY	Operating Altitude	0 - 3000m (0 - 9843ft)				
		3 years Advanced Replacement***				
ADDITIONAL FEATURES	Energy Star 8.0, Naviset Administrator 2 Compatible, Wake on Video Signal, ON/Off Schedule Function, Built-In Closed-Captioning (TTS), V-Chip Functionality, USB Media Player (UHD Support except for E328-2), Integrated Speakers, HDR Gamma, IP Addressable, External Control through RS232					
SHIPS WITH	3.0m AC Power Cable, 3.0m HDMI Cable, IR Remote Control, Batteries					
OPTIONAL ACCESSORIES	Table Top Stand (ST-32E2), All OPS PC's when coupled with the OPS-DOCK			Table Top Stand (ST-55E)		

\* E238: 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  
 \*\*\* Warranty restrictions apply. Contact your representative for details.

- 1 LAN (RJ-45)
- 2 RS-232C (9-pin D-SUB)
- 3 USB-C (Power Supply Only - 5V/3A)
- 4 Headphone Jack
- 5 Digital Audio Out (SPDIF)
- 6 AV Input (mini-jack)
- 7 HDMI1 (ARC), HDMI2, HDMI3
- 8 VGA In (15-pin D-SUB)
- 9 Analog audio In (mini-jack)
- 10 USB Media Player
- 11 ATSC/NTSC Tuner

