

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***

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

*E328 has FHD (1920 x 1080) resolution

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

*** When using this function, "Power Supply" has to be set to

[ON] in OSD

4K UHD



| MODEL | | E328 | 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) | 400 cd/m ² | | | | |
| | 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 | | | | |
| CONNECTIVITY | Displayable Colors | 16.7 Million | Over 1.07 Billion | | | |
| | Orientation | Landscape | | | | |
| | Input Terminals | HDMI x3 (2.0)* | | | | |
| | Digital | VGA (mini 15pin D-SUB) - Component VGA share (D-SUB) - Composite (mini jack 3.5mm) | | | | |
| | Analog | Audio Mini Jack 3.5mm | | | | |
| | Audio | LAN, RS232C** | | | | |
| | External Control | Integrated ATSC (8-VSB, Clear-QAM)/NTSC Coaxial Tuner | | | | |
| | Tuner | USB Media Player (5V/500 mA) | | | | |
| | USB Type-A port | Power Supply (5V/3A) | | | | |
| | USB Type-C port | Audio Mini Jack 3.5mm | | | | |
| POWER CONSUMPTION | Audio | SPDIF / Audio Mini Jack 3.5mm (for headphones) | | | | |
| | Output Terminals | Speaker Rating | | | | |
| | Audio | Integrated 5W x 2 | Integrated 10W x 2 | | | |
| | On (Typ/Max Brightness/All Max) | 31W/41W/80W | 72W/84W/130W | 109W/129W/180W | 105W/125W/180W | 144W/174W/220W |
| PHYSICAL SPECIFICATIONS | Network Standby | 2W | | | | |
| | Standby | 0.5W | | | | |
| | 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 |
| | Bezels | 12.5mm/12.5mm/12.5mm/13.9mm | | | | |
| ENVIRONMENTAL CONDITIONS | Operating Temperature | 0 - 40 °C / 32 - 104 °F | | | | |
| | Operating Humidity | 20-80% (without condensation) | | | | |
| | Operating Altitude | 0 - 3000m (0 - 9843ft) | | | | |
| LIMITED WARRANTY | 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), 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), All OPS PC's when coupled with the OPS-DOCK | | |

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

- ① LAN port (RJ-45)
- ② RS-232C (9-pin D-SUB)
- ③ USB Type-C port (power supply 5 V/3 A)
- ④ Headphone terminal (stereo mini jack)
- ⑤ Digital audio output terminal
- ⑥ AV input terminal
- ⑦ HDMI1 (ARC), HDMI2, HDMI3
- ⑧ In
- ⑨ VGA In (15-pin D-SUB)

