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

---

*SHARP/NEC*
**Connectivity**

- **Input Terminals**
  - Digital: HDMI x3 (2.0)*
  - Analog: VGA (mini 15-pin D-SUB), Component VGA share (D-SUB), Composite (mini jack 3.5mm)
  - Audio: Audio Mini Jack 3.5mm
  - External Control: LAN, RS232C**
- **Output Terminals**
  - Audio: SPDIF / Audio Mini Jack 3.5mm (for headphones)
  - Speaker Rating: Integrated SW x 2
- **Tuner**
  - Integrated ATSC (8-VSB, Clear-QAM), NTSC Coaxial Tuner
- **USB**
  - Type-A port: USB Media Player (5V/500 mA)
  - Type-C port: Power Supply (5V/3A)

**Power Consumption**

- **On (Max Brightness/All Max):**
  - E328: 31W / 41W / 100W
  - E438: 72W / 84W / 180W
  - E498: 105W / 125W / 180W
  - E558: 109W / 129W / 180W
  - E658: 144W / 174W / 220W
- **Standby:** 0.5W
- **Network Standby:** 2W
- **Current Rating:**
  - E328: 0.9A - 0.4A @ 100V - 240V
  - E438: 1.5A - 0.6A @ 100V - 240V
  - E498: 2.1A - 0.8A @ 100V - 240V
  - E558: 2.1A - 0.8A @ 100V - 240V
  - E658: 2.5A - 1.0A @ 100V - 240V

**Physical Specifications**

- **Bezel Width (L/R, T/B):**
  - E328: 12.5mm/12.5mm/12.5mm/13.9mm
  - E438: 13.0mm/13.0mm/13.0mm/14.4mm
- **Network Connectivity:**
  - HDMI x3 (2.0)*
  - Component VGA share (D-SUB)
  - Composite (mini jack 3.5mm)
- **Audio:**
  - Audio Mini Jack 3.5mm
- **EU Energy Efficiency Class:**
  - E328: A (70-79)
  - E438: A (80-89)
  - E498: A (80-89)
  - E558: A (80-89)
  - E658: A (80-89)
- **VESA Hole Configuration:**
  - E328: 100 x 100
  - E438: 200 x 400
  - E498: 400 x 600
  - E558: 400 x 600
  - E658: 400 x 600

**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-Captionsing (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

---

**Specifications**

- MODEL: E328, E438, E498, E558, E658
- 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/m² / 320 cd/m²
- Contrast Ratio (Typical): 8,000:1 (Out of the box conditions, local dimming ON)
- Aspect Ratio: 16:9
- Displayable Colors: Over 1.07 Billion
- Display Orientation: Landscape

---

**TileMatrix and TileComp are trademarks of Sharp NEC Display Solutions. All other brand or product names are trademarks or registered trademarks of their respective holders. Product specifications subject to change.**