NEC Ultra High Definition Large Format Displays

75”, 86” and 98” Commercial Displays Ideal for Digital Signage Applications
Brand new UHD displays in an aesthetically-focused design allows for seamless integration into any digital signage environment while maintaining the commercial ruggedness necessary for the retail, educational and corporate environments

**Beyond Standard Signage**

With industry leading experience in superior design and customer focus, the NEC large C series allow for clear, detailed imagery for unobtrusive digital messaging. New contemporary and slim mechanical design with focused aesthetics allows for the smooth and stylistic integration into any type of environment. Their full metal chassis coupled with real-time temperature sensors and integrated cooling fans maintain the professional quality necessary for commercial environments. With an anti-glare screen and ultra high definition panel, customers can enjoy the perfect image in any circumstance. These displays come equipped with a wide range of the latest connectivity interfaces including three separate HDMI 2.0 interfaces, two separate DisplayPort interfaces and a DisplayPort Out connection to complement the native Ultra High Definition at 60Hz panel. These displays also include expandability options such as the Open Pluggable Specification (OPS) and Raspberry Pi Compute Module slots for source integration directly into the display. The NEC C series boasts 350 cd/m² brightness that allows for efficient readability in higher ambient light situations and is ideal for 24/7 signage in airports, quick-serve restaurants, and retail.

**Scalable Computing Power**

Integrated computing options allow for cable free signage for any type of situation. The on-board multimedia player can be utilized for simple signage applications by allowing auto-play off of USB or SD card and content transfer via LAN. For more advanced signage systems, these displays contain an industry first ability to integrate a Raspberry Pi Compute module for near limitless potential and application. Finally, each display adheres to the Open Pluggable Specification that gives the ability to seamlessly integrate a full PC, HDBaseT receiver or other options directly into the unit.

**Advanced Heat Management**

Monitoring and managing the temperature of each display is crucial to secure reliability and longevity. An industrial-strength, premium-grade panel with additional thermal protection, internal temperature sensors with self-diagnostics, and fan-based technology allows for 24/7 operation, and protects your display investment. Without thermal management, displays can be prone to damaging heat over time. This damaging heat will lower the picture quality and life expectancy of the product. Integrated cooling fans automatically turn on and stay on when high internal temperatures are detected. These will stay on until the heat is properly dissipated and the display remains under proper temperature thresholds.
SpectraView Engine

Enhanced imaging performance through advanced settings of all relevant parameters allow full control of brightness, color, gamma and uniformity via integrated color-critical chipset.

Intelligent Wireless Data Function

The built-in near field communication (NFC) chip allows data to be read and written via a mobile phone or tablet PC. Users can significantly reduce installation costs as displays can be easily configured and serviced using the NEC NFC Android app. This is extremely useful for larger rollouts as it can be utilized even when the display is powered off.

NaViSet Administrator 2

This software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality of the majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.

Blue ON LED and Ambient Light Sensor

New mechanical structure allows for sleeker LED and ambient light sensor design. Auto dimming of the LED backlights can be utilized through the ambient light sensor allowing for the brightness to change depending on the external lux in the room of installation.

Aesthetically Focused Design

Brand new mechanical design focuses on smooth, sleek curves, thinner bezels, reduced depth and reduced overall weight while maintaining the quality and reliability for efficient 24/7 runtime capabilities.

Anti-Glare Panel

Each of the new large C series commercial displays come equipped with a high haze panel that scatters ambient lighting rather than reflecting it like most other displays. This allows for content to always be viewable and onlookers to have perfect screen readability in any situation.

Key Guide

New Key Guide function allows for easier access to buttons when manually controlling the unit via the buttons on the back of the display by adding a graphic on the screen that directs the customer to the correct button layout in both landscape and portrait modes.

L-Shaped Connectivity

Connectivity is located on both the bottom and side of the display to allow for easy access regardless of orientation.

 Intelli
cient Wireless Data Function

Removable Logo

When mounting from Landscape to Portrait orientation, there is now the ability to change the orientation of the logo or remove it all together.

NaViSet Administrator 2

With Anti-Glare

Without Anti-Glare

NaViSet Administrator 2

Blue ON LED and Ambient Light Sensor
### Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CT51Q</th>
<th>C861Q</th>
<th>C981Q</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Panel Technology</strong></td>
<td>E-LED, SIPS</td>
<td>D-LED, SIPS</td>
<td>D-LED, SIPS</td>
</tr>
<tr>
<td><strong>Viewable Image Size</strong></td>
<td>75&quot;</td>
<td>86&quot;</td>
<td>98&quot;</td>
</tr>
<tr>
<td><strong>Native Resolution</strong></td>
<td>3840 x 2160</td>
<td></td>
<td></td>
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<tr>
<td><strong>Brightness</strong>&lt;br&gt;(Typical/Maximum)</td>
<td>245 cd/m²/350 cd/m²</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Contrast Ratio</strong>&lt;br&gt;(Typical)</td>
<td>1200:1 native, not including localized dimming</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aspect Ratio</strong></td>
<td>16:9</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Displayable Colors</strong></td>
<td>Over 1.07 Billion</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Orientation</strong></td>
<td>Landscape and Portrait</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Panel Haze (%)</strong></td>
<td>28</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Input Terminals</strong></td>
<td>Digital: HDMI 2.0 x 3 (with HDCP), DisplayPort 1.2 x 2 (with HDCP)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>3.5mm Mini Jack, HDMI Audio x 2, DisplayPort Audio x 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>External Control</strong></td>
<td>LAN (100Mbps), 3.5 Mini Jack IR Remote, RS232C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data</strong></td>
<td>microSD (Media Player), USB 2.0 (Media Player), USB 2.0 (Service), USB Type-B (Upstream), USB 2.0 x 2 (Compute Module); USB CM1 is Powered SV/2A</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Output Terminals</strong></td>
<td>Digital: DisplayPort (Outputs: DisplayPort x 1 and OPS 1CH DisplayPort Only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Analog</strong></td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>3.5mm Audio Mini Jack, External Speaker Jack x 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>External Control</strong></td>
<td>LAN (100Mbps)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CONNECTIVITY

- **Power Consumption**
  - Network Standby: 2W
  - Normal Standby: 0.5W
  - Current Rating:
    - 4.6A @ 100V, 1.9A @ 240V
    - 5.0A @ 100V, 2.3A @ 240V
    - 6.1A @ 100V, 2.6A @ 240V

- **Speaker Rating**
  - Integrated: 10W x 2, Optional: 15W x 2

### PHYSICAL SPECIFICATIONS

- **Weight**
  - 195W: 250W/375W
  - 230W/300W/425W
  - 240W/380W/525W

- **Dimensions**
  - 15.3mm/15.3mm x 14.8mm/14.8mm x 14.8mm

### ENVIRONMENTAL CONDITIONS

- **Operating Temperature**
  - 0 to 40°C
- **Operating Humidity**
  - 20% RH

### LIMITED WARRANTY

3 years Advanced Replacement

### ADDITIONAL FEATURES

- HDR Gamma Support (HLG mode PQI), Localized Dimming, Ambient Light Sensor, AMK Support, Auto ID/Auto TileMatrix, Automated Email Alert Function, CEC Support through HDMI, Crestron RoomView Support, DICOM Simulation, Display Browser Control, Display Wall Calibrator Compatible, High-Bright Panel, Instant Network Monitor (INM), Key Guide, Media Player through Browser Control, SD Card USB, Multi Picture Mode, NoviFigt Administrator 2 Compatible, OSD Rotation for Portrait Orientation, OPS Compatible, P/Link Support, Point Zoom Function, Power USB Port (5V/2A), Programmable List x 3, Raspberry Pi Compute Module Compatible, Removable Logo Ornament, Real Time Clock, SpectraView Engine Support, SNMP Support, 24-Hour Scheduler Function

### SHIPS WITH

- 3m AC Power Cord, 1.8m HDMI cable, 1.8m DisplayPort Cable, IR Remote Control, Batteries, CD-ROM

### OPTIONAL ACCESSORIES

- Table Top Stand (ST-801), Optional Speakers (SP-TF1), Raspberry Pi Compute Module Interface Board (DS1-F10CE), NEC Raspberry Pi Compute Module (RP3CM16GB)

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**Tabletop Stand**

**Speaker**

**OPS-PCAE-PS2**

**OPS-APIS-PS2**

**OPS-TCIS-PS2**

**SDI**

- HD-SDI: SB-01HC
- 3G-SDI: SB-04HC

**HDBaseT**

- SB-07BC

**OPS PC's**

**OPS-PCAE-PS2**

**OPS-APIS-PS2**

**OPS-TCIS-PS2**

**Tabletop Stand**

**Speaker**

**Input Panels**

1. HDMI IN2
2. HDMI IN3
3. DisplayPort IN2
4. DisplayPort IN1
5. DisplayPort OUT
6. Audio IN
7. External Speaker Terminal
8. Internal/External Speaker Switch
9. Audio OUT
10. USB1
11. USB2
12. USB CM1 (2A)

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**Connectivity**

- OPS Module Interface Board
- NEC Raspberry Pi Compute Module
- DisplayPort and DisplayPort Compliance (DS1-F10CE)
- RP3CM16GB

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**Options**

**OPS PC's**

- OPS-PCAE-PS2
- OPS-APIS-PS2
- OPS-TCIS-PS2

**SDI**

- HD-SDI: SB-01HC
- 3G-SDI: SB-04HC

**HDBaseT**

- SB-07BC

**Compute Module**

- Compute Module Interface Board
- NEC Raspberry Pi Compute Module (DS1-F10CE), NEC Raspberry Pi Compute Module Interface Board (DS1-F10CE), RP3CM16GB

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**Tabletop Stand**

**Speaker**

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