NEC Ultra High Definition Large Format Displays

65”, 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 - 400 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.
Antiglare 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.

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.

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.

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.

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.

L-Shaped Connectivity

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

Cisco Compatible Partner:

Full compatibility with Cisco WebEx Kit products. The Cisco WebEx Kit is a professional video conferencing tool that has everything integrated into a single soundbar including microphone(s), camera(s), the speaker and the Video Conferencing Codec. This, combined with the large format NEC displays provide the ultimate conferencing solution.

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.

Anti-Glare Panel

With Anti-Glare

Without Anti-Glare

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.

Cisco Compatible Partner:
### Specifications

**Dimensions**

![Dimensions Diagram]

**Options**

- **OPS-PCEA-P52**
- **OPS-API9-P5**
- **OPS-TCE5-P9**

**SDI**

- HD-SDI: SB-01HC
- 3G-SDI: SB-04HC
- HDBaseT: SB-078C

**Compute Module**

- Compute Module Interface Board: D51-F100CE
- NEC Raspberry Pi Compute Module: RP3CM16GB

**Tabletop Stand**

SB-801

**Speaker**

SP-TF1

### 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

### Optional Accessories

- Table Top Stand (ST-801), Optional Speaker (SP-TF1), All OPS Option Cards, Raspberry Pi Compute Module II, and Wall Mount (WMK-3257 for C651Q, C751Q, and C861Q only) Slim Wall Mount (WMK-3255S for C65Q1, Human Sensor (KT RC2))

### Panel Technology

- D-LED: VA
- E-LED: S-IPS
- D-LED: S-IPS

### Viewable Image Size

- 65" 75" 86" 98"

### Native Resolution

- 1920 x 1080
- 1248 x 2160
- 1920 x 1200
- 1920 x 1080

### Brightness

- 1200:1, not including localized dimming
- 1300:1, not including localized dimming

### Viewing Angle

- 178° Vert., 178° Hor.
- 178° Vert., 178° Hor.

### Panel Type

- 44
- 28

### Input Terminals

- Digital: HDMI 2.0 x 2 (with HDCP), DisplayPort 1.2 x 2 (with HDCP)
- Analog: None

### Data

- 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 5V/2A)

### Output Terminals

- Digital: DisplayPort (Outputs DisplayPort and OPS (TCH DisplayPort Only))
- Analog: None
- Audio: 3.5mm Audio Mini Jack, External Speaker x2

### External Control

- LAN (100Mb)
- HDMI (Upstream), USB 2.0 x2 (Compute Module, USB CM1 is Powered 5V/2A)

### Power Consumption

- Normal Standby: 0.5W
- Network Standby: 2W
- On (Typ/Max): 4.4A @ 240V, 71.9W @ 240V
- Current Rating: 4.4A @ 240V, 71.9W @ 240V
- 4.3A @ 100V, 1.8A
- 5.0A @ 100V, 2.1A
- 4.4A @ 240V, 71.1W @ 240V
- 4.4A @ 240V, 71.9W @ 240V

### Physical Specifications

- Panel Haze (%)
- Orientation: Landscape and Portrait
- Viewable Image Size

### Displayable Colors

- Over 1.07 Billion

### Panel Technology

- Configuration: 8x M8 x 16mm (600 x 400, 400 x 400)
- VESA Hole (W x H x D)
- Net Weight (Without Stand; W x H x D)
- Net Dimensions (L x W x H)
- Max)
- Brightness/Overall Dimming
- Ambient Light Sensor: Integrated and programmable
- Human Sensor: Optional through KT RC2 Accessory
- Temperature Sensor: Integrated and programmable, linked to cooling fans
- NUC Sensor: Integrated, works in conjunction with free NEC Intelligent Wireless Data Application

### Operating Conditions

- Operating Temperature: 0 to 40C
- Operating Humidity: 20-80%
- Operating Altitude: 3000m (9843ft)

### Limited Warranty

- 3 years Advanced Replacement

### Additional Features

- HDR Gamma Support (HLG nand PQ), Localized Dimming, Ambient Light Sensor, AMX Support, AutoWizard (AutoTitleMatrix), Automated Email Alert Function, CEC, Support through HDMI, Creston Roomview Support, DVS (Digital Video Selection), Display Browser Control, Display Wall Calibrator Compatible, High-Haze Panel, Image Flip, Intelligent Wireless Data (IFC), Key Guide, Media Player through Browser Control, LJ Card USB, Multi Picture Mode, NAL/AV Administrator 2 Compatible, DVI Rotation for Portrait Orientation, OPS Compatible, RJ-45 Port Support, Point Zoom Function, Power USB Port (SSW2A), Programmable (LUT x 16, Raspberry Pi Compute Module Compatible, Removable Logo Ornament, Real Time Clock, SpectraView Engine Support, SNMP Support, 24 Hour Scheduler Function, Cisco Compatible)

### Ships With

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