NEC Ultra High Definition Large Format Displays

55”, 65”, 75”, 86” and 98” Professional 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 professional ruggedness necessary for the retail, restaurant and transportation environments.

**Beyond Standard Signage**

With industry leading experience in superior design and customer focus, the NEC large V 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 V Series boasts 500 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.
Anti-Glare Panel

Each of the new large V 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.

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.

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.

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.

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.

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.

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.

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.
MODEL | V554Q | V654Q | V754Q | V864Q | V984Q
--- | --- | --- | --- | --- | ---
Panel Technology | E-LED | E-LED, S-IPS | E-LED, S-IPS | E-LED, S-IPS | E-LED, S-IPS
Viewable Image Size | 55” | 65” | 75” | 86” | 98”
Native Resolution | 3840 x 2160
Brightness (Typical/Maximum) | 350 cd/m²/500 cd/m²
Contrast Ratio (Typical) | 1200:1 | 1200:1 | 1200:1 | 1200:1 | 1200:1
Viewing Angle | 178° Vert., 178° Hor. (99U/99D/99L/99R) @ CR > 10
Aspect Ratio | 16:9
Displayable Colors | Over 1.07 Billion
Orientation | Landscape and Portrait
Panel haze (%) | 28 | 44 | 28 | 14 | 7

CONNECTIVITY

Input Terminals
- Digital: HDMI 2.0 x 3 (with HDCP), DisplayPort 1.2 x 2 (with HDCP)
- Analog: None
- Audio: 3.5mm Mini Jack, HDMI Audio x 3, DisplayPort Audio x 2

External Control
- LAN (100MHz), 3.5 Mini Jack, IR Remote, RS232C

Output Terminals
- Digital: DisplayPort/Output, DisplayPort and OPS (1CH DisplayPort Only)
- Analog: None
- Audio: 3.5mm Audio Mini Jack, External Speaker x 2

External Control
- LAN (100MHz)

ON/OFF/Max Brightness/Overall Max
- Current Rating: 3.4A @ 100V, 1.6A @ 240V
- Speaker Rating: Integrated 10W x 2, Optional 15W x 2

PHYSICAL SPECIFICATIONS

Bezels Width (L/R, T/B)
- 11.9mm/11.9mm, 11.9mm/11.5mm
- 12.9mm/12.9mm, 13.1mm/13.1mm
- 14.8mm/14.8mm, 14.8mm/14.8mm
- 15.2mm/15.2mm, 15.2mm/15.2mm
- 15.9mm/15.9mm, 15.9mm/15.9mm

Net Dimensions (Without Stand, W x H x D)
- 57.3 x 28.1 x 4.8mm
- 65.7 x 32.7 x 5.7mm
- 75.9 x 43.3 x 6.7mm

Net Weight (Without Stand)
- 89.9 lbs / 40.8kg
- 115.7 lbs / 52.6kg
- 127.2 lbs / 57.8kg

VESA Hole Configuration
- 4x M6 x 12mm (300 x 300)
- 8x M8 x 16mm (600 x 400, 400 x 400)

SENSORS

Ambient Light Sensor
- Integrated and programmable

Human Sensor
- Optional through KIT RC2 Accessory

Temperature Sensor
- Integrated and programmable, linked to cooling fans

NFC Sensor
- Integrated, works in conjunction with free NEC Intelligent Wireless Data Application

ENVIRONMENTAL CONDITIONS

Operating Temperature
- 0°C to 40°C

Operating Humidity
- 20-80%

Operating Altitude
- 3000m (9843ft)

LIMITED WARRANTY

3 years Advanced Replacement

ADDITIONAL FEATURES

HDR Gamma Support (HLG and PQ), BT.2020 Color Space Support, Local Dimming (all except V554Q), Ambient Light Sensor, AMX Support, Auto ID/IDU TelePicture, Automated Email Alert Function, CEC Support through HDMI, Crestron RoomView Support, DEC, Simulcast, Display Browser Control, Display Wall Calibrator Compatible, High-Haze Panel, Image Fix, Intelligent Wireless Data, iMenu, Key Guide, Media Player through Browser Control, SD Card, USB, Multi Picture Mode, NaViSet Administrator 2 Compatible, OSD Rotation for Portrait Orientation, OPS Support, PJ Link, Support, Point Zoom Function, Power USB OTG (USB-C), Programmable LUT/CL, Raspberry Pi Compute Module Compatible, Removable Logo Ornament, Real Time Clock, Spectoview Engine Support, SNAPP Support, 24 Hour Schedule Function, Crestron Compatible

SHIPS WITH

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

OPTIONAL ACCESSORIES

Table Top Stand (ST-401 for V554Q, ST-801 for V654Q, ST-801 T-801 for V754Q, ST-801 T-401 for V864Q, ST-801 T-801 for V984Q), Optional Speakers (ST-SP), All OPS Option Cards, Raspberry Pi Compute Module 1 and 3 with optional NEC Interface Board, Large Wall Mount (WMK-810, WMK-865, WMK-870), and WMK-860 only Large Wall Mount (WMK-8257 for V554Q and V654Q only, Human Sensor (KT-RKC))

Dimensions

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<th>MODEL</th>
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Options

OPS-PCAE60-P52
OPS-APIS-P5
OPS-TCIS-P5

SDI

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

HDBaseT

SB-07BC

Compute Module

Compute Module Interface Board

NEC Raspberry Pi Compute Module

DSF-1F10CE
RP3CM16GB

Tabletop Stand

ST-401
ST-801

Speaker

SP-FT1

Input Panels

1. HDMI IN2
2. HDMI IN3
3. HDMI IN2
4. DisplayPort IN2
5. DisplayPort IN1
6. DisplayPort OUT
7. DisplayPort OUT
8. Audio IN
9. External Speaker Terminal
10. External Speaker Switch
11. USB2
12. USB CM1 (2A)
13. USB CM2
14. LAN1
15. LAN2
16. USB MP
17. microSD
18. REMOTE IN
19. RS-232C
20. HDMI IN1

Side Panel

Bottom Panel

Strap Panel

Wrench

www.necdisplays.com

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