Large-Screen LCD

\Orchestrating a brighter world NEC

NEC LCD Professional Large Format Displays

MultiSync®

V984Q / C981Q / V864Q / C861Q / P754Q / V754Q / C751Q

State of the art innovation delivers 24/7 runtimes with high end components and LED backlighting. Ideal for any industrial application, from control rooms to conferencing to life size digital signage.

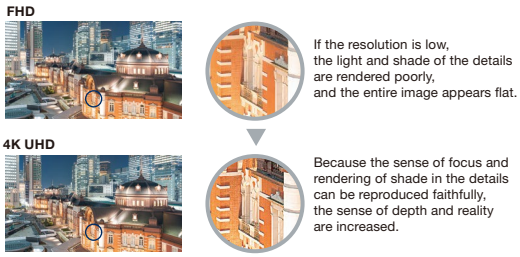
Benefit from the UHD resolution viewing experience and HDR support* with 24/7 worry free operation at the lowest operational investment. The modern and slim design are the perfect fit for surrounding architecture whilst the suitable brightness output from 350 to 650 cd/m² along with the low reflection anti-glare surface offers superior visibility under common light conditions. * HDR signal display is possible

Highlights

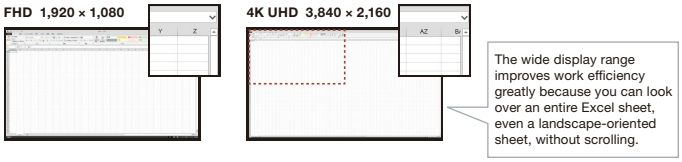
4K Quality and Large Screens Offer Overwhelming Appeal

The impressive large screens offer 4K (3,840 × 2,160) display, which is four times the resolution of Full HD. They precisely reproduce photos and video down to their fine details and bring overwhelming presence, realism, and depth to public spaces.

Display differences with Full HD (FHD)

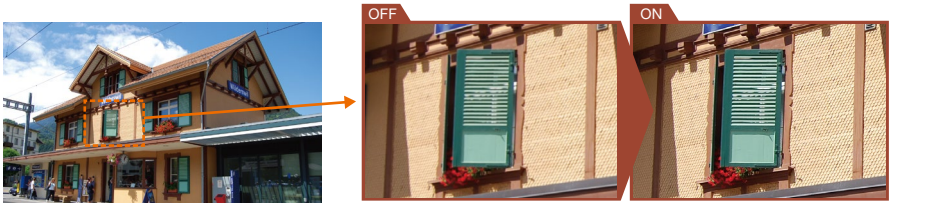


Visibility differences by screen size (display range in Excel)



UHD Upscaling Function

The UHD upscaling function can display Full HD video signals at a quality-level equivalent to 4K, so many conventional content types can be displayed at high quality.



Increasing the resolution clarifies the unevenness of the wall, revealing a feeling of solidity and depth.

Modern and Slim Design

The new elegant slimline design provides unobtrusive integration into any application and environment. The simplicity of its shape supports an unhindered viewing experience ensuring that the screen content is the prevalent factor. Its reduced depth means that access to buildings and integration within interior design is straightforward and hassle-free.

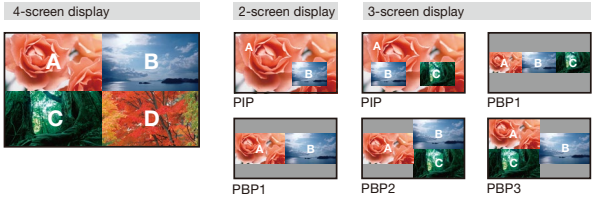
Out of the Box Signage Solution

The integrated media player supports easy content playback and management for out-of-the box signage solutions that could not be simpler. Content can be transferred through the USB interface or a network connection.

Multi-Screen Display of Up to Four Screens Enables Display of Large Volumes of Information

The multi-screen function lets you divide the display and show separate input signals at the same time. Even when the display is divided into two, three, or four screens, there are various multi-screen functions using 4K ultra high resolution. In addition, the display provides a seamless 4K multi-screen environment by displaying four Full HD (1,920 × 1,080) screens at the same time.

Examples of multi-screen display

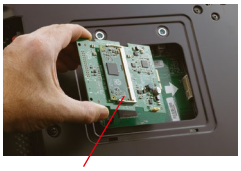


Smart Expansion

An open platform modular approach is the smartest way to deliver tailor-made signage solutions, where scalable computing power such as Raspberry Pi compute modules or OPS* slot-in PCs are seamlessly embedded into the display.

OPS* slot

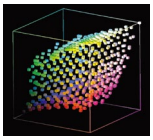
* OPS is a standard established by Intel Corporation.



Compute module
Requires the optional interface kit

SpectraView® Engine Precisely Recreates Colours with High Precision

The display can reproduce colours more accurately because it is equipped with a 3D lookup table and unique colour conversion algorithm through its dedicated image processing. Various colour gamuts can be expressed precisely according to sRGB and other industry standards without calibration of each image-quality setting. In addition, display settings designed for different applications are preset at the factory as “Picture Mode” settings, so you can use a setting quickly by selecting it from the menu.

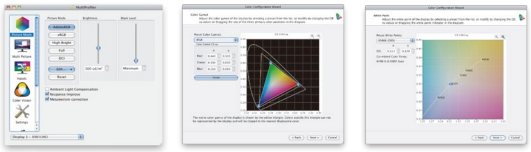


3D lookup table

Support for MultiProfiler® Software to Easily Realize Various Emulation Functions

The display supports MultiProfiler®, NEC’s unique application software. Applying an ICC profile* to the display easily enables advanced colour reproduction, and you can also create and save ICC profiles for displays that require colour management.

NEC Display Solutions
MultiProfiler



*ICC profile: A file established by the International Color Consortium (ICC) that lists the colour gamut of the device to determine how a specific device reproduces colour. Files can be created for three main device types: displays, input devices (digital cameras, scanners, etc.) and output devices (printers, etc.).

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 of the majority of NEC display devices and Windows computers. It is ideal for multi-device installations over larger infrastructures.

NaViSet
Administrator 2

Dedicated Colour Calibration Software*

As the brightness and colour temperature of the LCD change with time, colours may not match across multiple screens. Our dedicated colour calibration software ensures colour uniformity and fidelity across multiple screens, creating a perfectly matched image in tiled environments.

*NEC Display Wall Calibrator

Other Useful Features and Functions

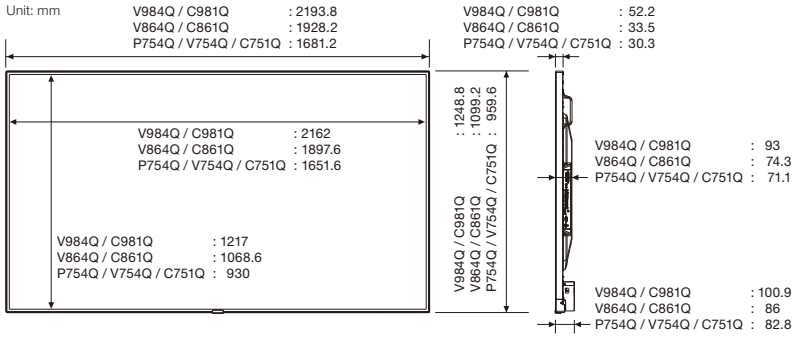
- Landscape/portrait capable
- Scheduler with real-time clock
- Advanced heat management
- Intelligent power management system
- DisplayPort and LAN Control Daisy Chain
- Power-on delay
- Screen saver function
- Aspect ratio control
- Memo function
- Carbon footprint metre
- Image and on-screen display flip
- Built in speakers
- Point zoom
- Remote control ID
- Control lock function
- 6-axis colour adjustments and sRGB standard
- Advanced video settings (Adaptive contrast)
- Colour temperature adjustment
- Programmable gamma setting
- DICOM simulation
- Auto dimming (Optional human sensor)
- Intelligent wireless data function (NFC)
- Plug and play (DDC/CI, DDC2B)
- HDCP (High-bandwidth Digital Content Protection)
- Ethernet and RS-232C control and communication
- CRESTRON ROOMVIEW™
- AMX Discovery HTTP server
- PJLink
- Self-diagnosis
- Proof of play
- Status log function
- Firmware update over LAN
- Rear metal cabinet with VESA Standard (FDMIv1) Mounting Interface

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

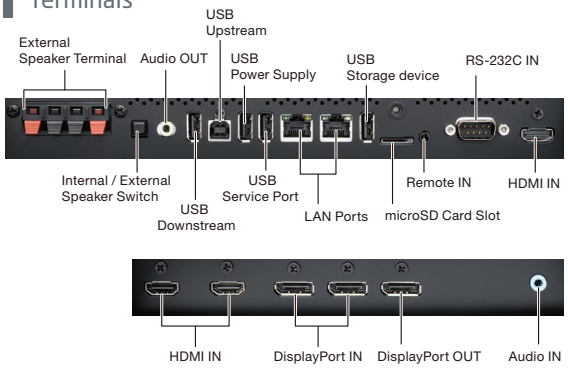
Specifications

MODEL		V984Q	C981Q	V864Q	C861Q	P754Q	V754Q	C751Q
LCD MODULE								
Viewable Size (Diagonal)		98" / 2,478.2 mm		86" / 2,174.3 mm		75" / 1,892.7 mm		
Active Screen Area (W × H)		2,158.8 × 1,214.4 mm		1,895.0 × 1,066.0 mm		1,649.7 × 927.9 mm		
Panel Technology		IPS						
Native Resolution		3,840 × 2,160						
Brightness (Factory setting / Maximum)		350 / 500 cd/m²	245 / 350 cd/m²	350 / 500 cd/m²	245 / 350 cd/m²	455 / 650 cd/m²	350/ 500 cd/m²	245 / 350 cd/m²
Contrast Ratio (Typical)		1,300 : 1		1,200 : 1				
Viewing Angle		178 horizontal / 178 vertical (at contrast ratio 10 : 1)						
Response Time (Typical)		8 ms (G to G)						
CONNECTIVITY								
Input Terminals	DisplayPort	DisplayPort × 2						
	HDMI	HDMI × 3						
	Audio	Digital: HDMI × 3, DisplayPort × 2, Analog: 3.5 mm stereo mini jack × 1						
Output Terminals	DisplayPort	DisplayPort × 1						
	Audio	3.5 mm stereo mini jack × 1						
	External Speakers	Speaker terminals for L / R × 1						
External Control	RS232C	Mini D-Sub 9 pin × 1						
	Ethernet	RJ-45 10BASE-T / 100BASE-TX × 2 (In/out)						
	Remote in	3.5 mm stereo mini jack × 1						
	Remote out	Possible via Ethernet						
USB Hub	Upstream	USB Type B × 1						
	Downstream	USB Type A × 1						
	Power Supply	USB Type A 5V / 2A × 1						
	Media Player	USB Type A × 1						
	Service	USB Type A × 1						
Option Slot	Expansion Slots	Open pluggable specification (NEC / Intel OPS standard) × 1, microSD/SDHC card × 1, interface extension × 1						
Speaker Output	External Speakers	15 W + 15 W (8 Ω)						
	Internal Speakers	10 W + 10 W						
POWER								
Power Requirement @ 100 to 240 V		7.5 to 3.1 A	6.1 to 2.6 A	5.0 to 2.1 A	5.0 to 2.1 A	4.4 to 1.9 A	4.0 to 1.7 A	4.4 to 1.9 A
Power Consumption (Typical)		380 W	240 W	230 W	230 W	195W	155 W	195 W
Power Consumption - Network Standby Mode		2 W						
Power Consumption - Standby Mode		<0.5 W						
PHYSICAL SPECIFICATIONS								
Bezel Width		15.9 mm		15.3 mm		14.8 mm		
Dimensions (without stand: W × H × D)		2,193.8 × 1,248.8 × 93.0 mm		1,928.2 × 1,099.2 × 74.3 mm		1,681.2 × 959.6 × 71.1 mm		
Dimensions (with stand: W × H × D)		2,193.8 × 1,286.0 × 606.0 mm		1,928.2 × 1,136.4 × 606.0 mm		1,681.2 × 996.8 × 606.0 mm		
Packaging Dimensions (W × H × D)		2,355 × 1,454 × 330 mm		2,157 × 1,290 × 320 mm		1,830 × 1,190 × 280 mm		
Net Weight (without stand)		90.0 kg		57.8 kg		52.6 kg		
Gross Weight (with box)		108.5 kg		73.4 kg		65.5 kg		
VESA Hole Configuration		400 × 400 mm (M8, 4 holes)						
Not VESA Hole Configuration		600 × 400 mm (M8, 4 holes)						
Supported Orientation		Landscape, Portrait						
ENVIRONMENTAL CONDITIONS								
Operating Temperature		0 to 40°C						
Operating Humidity		20 to 80 % (without condensation)						
Operating Altitude		up to 3,000 m						
ADDITIONAL FEATURES								
Operating Hours		24/7						
Sensors	Ambient Light Sensor	Integrated, triggered actions programmable						
	Motion Sensor	Optional, external, 4 – 5 m range, triggered actions programmable						
	Temperature Sensor	Integrated, 3 sensors, triggered actions programmable						
	NFC Sensor	Integrated, 2-cm range, free NEC Android App required						
ACCESSORIES								
Included		CD-ROM (User Guides / Manuals), Setup manual, DisplayPort Cable, HDMI cable, Power cord, Wireless remote control with batteries, SD card cover, Clamp, Eyebolt brackets, Screw with washers						
Optional		Please see the below chart						

Dimensions



Terminals



Options

Slot Board						Raspberry Pi Interface Kit	Sensor Kit Human (Motion), ambient light IR remote	Speaker	Stand
OPS-Single Board Controller (Computer)		HDBaseT	SDI Board						
Core i5 60GB-SSD	Core i5 320GB-HDD		Quad-SDI	3G-SDI	HD-SDI				
N8000-8866	N8000-8865	SB-07BC	SB-09HC*1	SB-04HC	SB-01HC	DS1-IF10CE	KT-RC2*2	SP-TF1	ST-801

*1 to be possible later with some limitations *2 with some limitations

Local options: please contact your supplier.

https://www.nec-display.com/ap/

NEC Display Solutions, Ltd.

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