

## Product Information Sheet

# C860Q-SST (ShadowSense™) LCD 86" Large Format ShadowSense™ Touch Display



## Give your meeting room a bright new touch

Enhance your meeting and conferencing performance with stunning UHD resolution. Get high-end quality and reliability at a low total cost of ownership, with long life-times.

The ShadowSense™ Technology gives you the freedom to throw open the blinds and let the daylight enrich your meeting – even in direct sunlight the precise touch interface functions perfectly without ghost touches. Meanwhile, the anti-glare coating minimizes disturbing reflections and helps to eliminate annoying fingerprints on the touch surface. The design of the touch frame brings a modern styling to ShadowSense™ Touchscreens, whilst the precision pen the user an even better writing experience. Add the Mosaic Canvas software for whiteboarding and sketching capability to deliver the perfect interactive meeting solution. When adding an OPS Slot-in PC, an NEC Soundbar and Huddly Go wide screen camera, your collaborative meeting solution is ready to boost creativity and efficiency in your meeting rooms.

All NEC SST touch displays come with an NEC SST Pen and Eraser Kit.

### Benefits

- **ShadowSense Touch Technology** – market-leading touch performance for speed and accuracy, that is immune to ambient light and provides advanced features such as object size and shape recognition, palm rejection, touch size and speed control, hover distance control, and liquid rejection on the touch surface.
- **Avoid Touch Frustration** – satisfy users with the highest touch point accuracy, filtering out misleading touch-sizes and avoiding ghost touches even in high ambient light operation.
- **Seamless Touch Integration** – work hand-in-hand with multi-touch applications while using the 10 touch points of ShadowSense™ touch technology in real-time collaboration.
- **Simple Plug & Play** – no need to install any drivers on the host PC for all major operating systems.
- **Future Ready with Open Modular Intelligence Expansion** – upgrade the power of your display at any time by seamlessly integrating one of NEC's options for OPS Slot-in PCs, Raspberry Pi compute modules or signal interfaces for content feed and computing.
- **Cost Saving Device Management** – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

## C860-SST - LCD 86" Large Format ShadowSense Touch Display

### Product Information

Product Name	C860Q-SST (ShadowSense Touch)
Product Group	LCD 86" Commercial Large Format Touch Display
Order Code	C860Q-SST

### Display

Panel Technology	IPS with Edge LED backlights
Active Screen Area (W x H) [mm]	1,895 x 1,066
Screen Size [inch/cm]	86 / 217
Brightness [cd/m²]	350, 250 (shipment setting)
Contrast Ratio (typ.)	1200:1
Viewing Angle [°]	178 / 178 (at contrast ratio > 10:1)
Colour Depth [bn]	1.073 (10bit)
Response Time (typ.) [ms]	8 (grey-to-grey)
Haze Level [%]	Pro (28)
Supported Orientation	Landscape; Portrait

### Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 91.1
Vertical Frequency [Hz]	24 - 85

### Resolution

Native Resolution	3840 x 2160
Supported Resolutions	1920 x 1080; 1920 x 2160; 3840 x 2160; 4096 x 2160

### Connectivity

Input Video Digital	1 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)
Input Audio Digital	1 x DisplayPort; 2 x HDMI
Input Control	1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232
Input Data	1 x USB 2.0 (MediaPlayer)
Output Audio Analogue	1 x 3.5 mm jack
Input Detect	Custom; First; Last

### Open Modular Intelligence

OPS Slot	Slot Technology: Open pluggable specification (NEC / Intel OPS standard)
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OPS Max. Current / Power Consumption [A / W]	4.7 / 75
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## Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Human Sensor	Optional, external, 4-5m range, triggered actions programmable
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable

## Electrical

Power Consumption [W]	230 Eco (shipment setting)
Power Savings Mode [W]	< 0.5; < 2 (Networked Standby)
Power Management	VESA DPMS

## Environmental Conditions

Operating Temperature [°C]	+0 to +40
Operating Humidity [%]	20 to 80

## Mechanical

Dimensions (W x H x D) [mm]	1985 x 1178 x 96
Weight [kg]	97
Bezel Width [mm]	32 (left and right); 32 (top and bottom)
VESA Mounting [mm]	4 holes; 400 x 400 (FDMI); 600 x 400 (FDMI); M8
Ingress Protection	IP5x (front); IP2x (back)

## Touch

Touch Technology	ShadowSense™ Touch
Number of Touches	Real multi-touch up to 10 touches
Response Time [ms]	6 to 8
Touch Active Area (W x H) [mm]	1895 x 1066
Touch Method	Finger; Gloves; Stylus (≥ 6 mm)
Supported Operating System	Native Multi-Touch: Windows 7, Windows 8, Windows 10, Linux, Android; Default Mouse: Windows XP, Windows Vista, Mac OS X
Data Interface	USB-HID

Accuracy [mm]	< 1.5
Touch Resolution	12-bit (4096 x 4096)
Ambient Light Rejection	Up to full sunlight (approx. 100000 lux)

### Additional Features

Special Characteristics	DICOM Simulation; HDMI ARC; Powered USB Port (10 W); Removable Logo
Safety and Ergonomics	CE; EAC; EMC Class B; FCC; SASO; TÜV GS; UL/C-UL or CSA; VCCI
Pixel Failure Class	ISO 9241-307, Class 1
Audio	Integrated Speakers (10 W + 10 W)
Shipping Content	2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual
Warranty	3 years warranty incl. backlight;
Operating Hours	24/7

### Available Options

Accessories	Feet (ST-801)
OPS Slot	HDBaseT receiver; Intel® Atom, Celeron and Core CPUs

### Green Features

Energy Efficiency	Ambient light sensor; Carbon savings meter; Energy consumption: 210 kWh/1000 h; Energy efficiency class: G; Local dimming
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