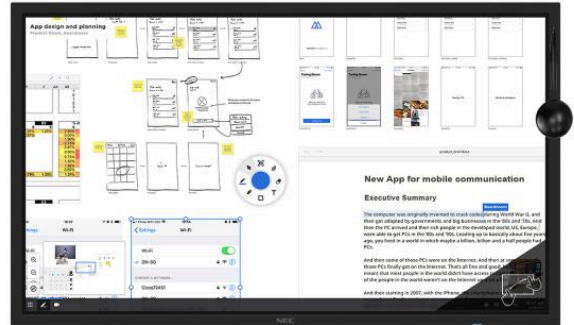
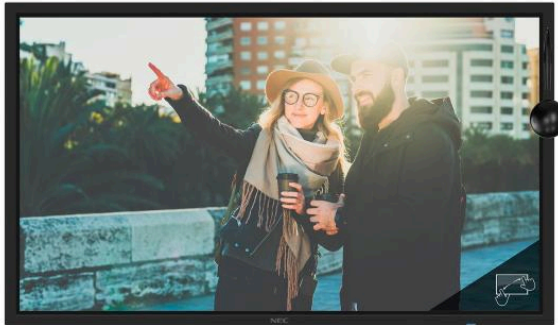


MultiSync® C751Q SST (ShadowSense) LCD 75" Ultra-High Definition Large Format Touch Display

Datasheet



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

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 – easy set-up without the need to install any drivers on the host PC for all major operating systems.

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.

Intuitive Touch Behaviour – enjoy intuitive working and let the display automatically detect and switch between interactions like finger whipping, stylus writing and erasing.

Future-proof connectivity and processing – enjoy latency-free touch experience with 60 Hz refresh rates at numerous native UHD inputs including the OPS option slot.

Cost Saving Device Management – save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

| | |
|---------------|--|
| Product Name | MultiSync® C751Q SST (ShadowSense) |
| Product Group | LCD 75" Ultra-High Definition Large Format Touch Display |
| Order Code | 60004575 |

Display

| | |
|---------------------------------|--------------------------------------|
| Panel Technology | IPS with Edge LED backlights |
| Active Screen Area (W x H) [mm] | 1,649.7 x 927.9 |
| Screen Size [inch/cm] | 75 / 189 |
| Brightness [cd/m²] | 350, 254 (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 | 4096 x 2160; 3840 x 2160; 1920 x 2160; 1920 x 1080 |

Connectivity

| | |
|-----------------------|--|
| Input Video Digital | 2 x DisplayPort (with HDCP); 3 x HDMI (with HDCP) |
| Input Audio Analogue | 1 x 3,5 mm jack |
| Input Audio Digital | 2 x DisplayPort; 3 x HDMI |
| Input Control | 1 x LAN 100Mbit; 1 x Remote Control (3.5 mm jack); 1 x RS232 |
| Input Data | 1 x microSD (Value); 1 x USB 2.0 (Downstream); 1 x USB 2.0 (MediaPlayer); 1 x USB Type-B (Upstream); 2 x USB 2.0 (Compute Module, 1 x 5V/2A powered) |
| Output Video Digital | 1 x DisplayPort (loop through: DisplayPort, OPS slot-in PC) |
| Output Audio Analogue | 1 x 3,5 mm jack |
| Output Control | 1 x LAN 100Mbit |

Open Modular Intelligence

| | |
|--|--|
| OPS Slot | Slot Technology: Open pluggable specification (NEC / Intel OPS standard) |
| OPS Max. Current / Power Consumption [A / W] | 4.7 / 75 |
| Compute Module Slot | Slot Technology: Compute Module Slot (NEC proprietary standard) |

Sensors

| | |
|--------------------|--|
| Human Sensor | Optional, external, 4-5m range, triggered actions programmable |
| Temperature Sensor | Integrated, 3 sensors, triggered actions programmable |
| NFC Sensor | Integrated, 2cm range, free NEC Android App required |

Electrical

| | |
|------------------------|---------------------------------|
| Power Consumption [W] | 207 Eco (shipment setting), 262 |
| Power Savings Mode [W] | < 0.5; < 2 (Networked Standby) |
| Power Management | VESA DPMS |

Environmental Conditions

| | |
|----------------------------|-----------|
| Operating Temperature [°C] | +0 to +30 |
| Operating Humidity [%] | 20 to 80 |

Mechanical

| | |
|-----------------------------|---|
| Dimensions (W x H x D) [mm] | Without stand: 1,746 x 1,025 x 88.7 |
| Weight [kg] | 77.5 |
| Bezel Width [mm] | 33 (top and bottom); 35.2 (left and right) |
| VESA Mounting [mm] | 4 holes; 400 x 400 (FDMI); 600 x 400 (FDMI); M8 |
| Ingress Protection | IP5x (front); IP2x (back) |

Glass

| | |
|------------------------|---|
| Thickness [mm] | 5 |
| Type | Premium toughened glass, single sided anti-reflective coating |
| Light Transmission [%] | 92 (+/- 2 %) |

Touch

| | |
|----------------------------|--|
| Touch Technology | ShadowSense™ Touch |
| Number of Touches | Real multi-touch up to 10 touches |
| Response Time [ms] | 6 to 8 |
| Touch Method | Finger; Gloves; Stylus (≥ 2 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 2.0 (full speed) HID; USB powered, plug & play |
| Accuracy [mm] | < 2 |
| Touch Resolution | 12-bit (4096 x 4096) |
| Ambient Light Rejection | Up to full sunlight (approx. 100000 lux) |

MediaPlayer

| | |
|--------------------------------------|---|
| Supported Image Formats | JPG (baseline, progressive, RGB, CMYK); max. resolution 5000 x 5000; PNG (interlace, alpha channel); max. resolution 4000 x 4000 |
| Supported Video Formats | MP4 / MOV / FLV (video H.264, audio MP3, AAC); max. resolution 1080p at 30 Hz, 1080i at 60 Hz; MPG (video mpeg1/2, audio mpeg audio layer2/3, AAC-LC); MP @ ML, MP @ HL; WMV (video H.264, wmv advanced L3, wmv simple / main, audio mp3 wmv std); max. resolution 1080p at 30 Hz, 1080i at 60 Hz |
| Supported Audio Formats | MP3 (MP3); max. bit-rate 320 kBit/s; WAV (LPCM); max. 48 kHz sampling |
| Supported File Storage / File System | MicroSDHC / FAT16, FAT32; USB 2.0 / FAT16, FAT32 |

Available Options

| | |
|---------------------|--|
| Accessories | Feet (ST-801); Speaker (SP-TF1); Trolley (PD02MHA, PD03MHA, PD02MHM); Wall mount (PDW T XL-2, BalanceBox400-2) |
| Compute Module Slot | NEC Compute Module; Raspberry Pi Compute Module 1 and 3 |
| OPS Slot | HDBaseT receiver; Intel® Atom, Celeron and Core CPUs; OPS-2C Quad 3G SDI |

Green Features

| | |
|-------------------|---|
| Energy Efficiency | Annual energy consumption: 314 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: B; Local dimming |
|-------------------|---|

Additional Features

| | |
|-------------------------|---|
| Special Characteristics | 12-bit Look Up table; AMX NetLinx Support; ASCII Control Commands; Auto ID assignment; Auto tiling function; Automated Email Alert; CEC Support; Crestron Connected Support; DICOM Simulation; Display Browser Control; Emergency Notification; HDMI with UHD at 60 Hz; HDR Gamma Support (HLG, PQ); KeyGuide; MediaPlayer with Browser Control; NaViSet Administrator 2; OmniColor Control; OSD rotation for portrait mode; PIN as theft protection; PJLink Support; Powered USB-Port; Removable Logo; Scheduler; Slim LED Indicator; SNMP Support; TileMatrix (10 x 10); User readable log function |
| Colour Versions | colour variations available on request |
| Safety and Ergonomics | CE; RoHS |
| Audio | Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W) |
| Shipping Content | CD-ROM (User Guides/Manuals); Display; DisplayPort Cable; Remote Control; USB cable |
| Warranty | optional 4. + 5. year warranty extension |
| Operating Hours | 24/7 |



CE



RoHS

This document is © 2018 NEC Display Solutions Europe GmbH.

All rights reserved in favour of their respective owners. All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All specifications are subject to change without notice. Errors and omissions are excepted. 01.11.2018