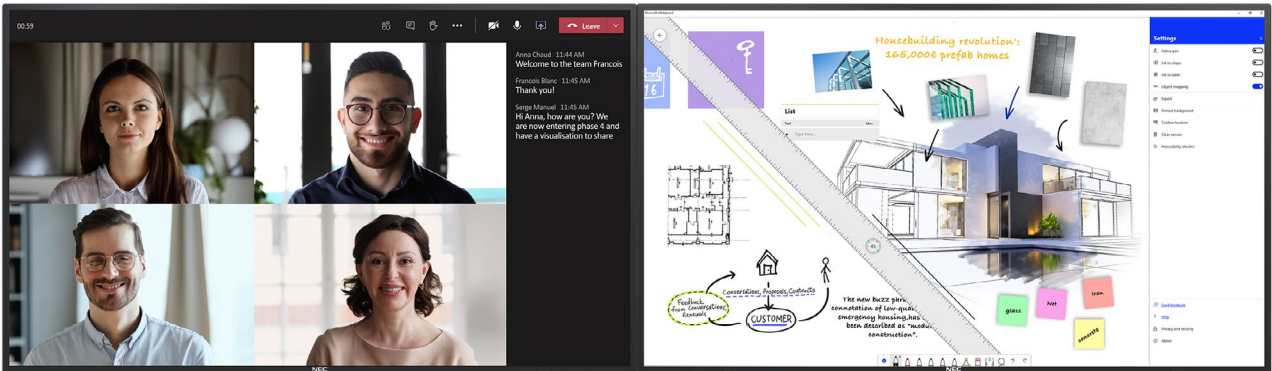# NEC 75" Du-Co Room System
Dual Collaboration Room System

# Datasheet



**Dual-Screen Room System for creative and interactive hybrid meetings**

The 75" NEC Dual-Screen Room System combines two displays, an interactive NEC MultiSync® M751 IGB and an identically designed non-interactive MultiSync® M751 IGB non-touch, into a comprehensive user-friendly system. It is ideally suited for meeting and collaboration environments, whether for fully present or hybrid team meetings. With a sleek and elegant design, the display solution seamlessly fits into modern office spaces.

When working with an interactive and a non-interactive display in a dual-screen scenario, users no longer need to compromise between design and functionality. With the 75" NEC Du-Co Room System, users not only benefit from a visually pleasing solution but also an enhanced usability. Equipped with an InGlass™ touch display, the system offers a best-in-class pen-on-paper writing experience. Optimised for video conferencing (VC) room systems, the display solution facilitates creative processes in hybrid meetings, such as in Microsoft Teams or Zoom.

# Benefits

**Don't compromise on design** – combining an interactive and non-interactive display with the same sleek and elegant design.

**Natural writing experience** – it's like working on paper! Whether using finger or pen, the InGlass™ touch technology provides seamless interactive touch performance including Windows Ink and palm rejection.

**Both displays featuring Sharp/NEC slot-in technology** -choose scalable computing power with Raspberry Pi Compute Module 4 or the more powerful Intel® Smart Display Modules (Intel® SDM) for tailor-made solutions.

**Mission-critical 24/7 ready operation** –the meticulous selection of industrial-grade components and careful design focused on demanding usage scenarios accompany an impressive and continuous viewer experience.

**Be more productive** – get a free version of FlatFrog Board collaborative whiteboard software to increase efficiency of your meetings.

## Product Information

| Product Name | **NEC MultiSync® M751 IGB non-touch** | **NEC MultiSync® M751 IGB** |
|---|---|---|
| Product Group | LCD 75" Display | LCD 75" InGlass™ Touch Display |
| Order Code | 40001571 | |

## Display

| | |
|---|---|
| Panel Technology | ADS with Direct LED backlights |
| Screen Size [inch/cm] | 75 / 189.3 |
| Aspect Ratio | 16:9 |
| Brightness w/o glass [cd/m$^2$] | 500 |
| Contrast Ratio (default) | > 8000:1 |
| Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Colour Depth [bn] | 1,076 (10bit) |
| Response Time (typ.)  [ms] | 8 |
| Panel Refresh Rate [Hz] | 60 |
| Supported Orientation | Landscape |

## Glass

| | |
|---|---|
| Type | Premium toughened glass, anti-glare coating |
| Thickness [mm] | 3.0 |
| Light Transmission [%] | 89 (+/- 1 %) |
| Haze Level [%] | Pro(25) |
| Hardness [H] | 7 |

## Synchronisation Rate

| | |
|---|---|
| Horizontal Frequency [kHz] | 15 - 135 |
| Vertical Frequency [Hz] | 23 - 76 |

## Resolution

| | |
|---|---|
| Native Resolution | 3840 x 2160 |
| Supported Resolutions | 1024 x 768; 1280 x 1024; 1280 x 720; 1360 x 768; |
| | 1366 x 768; 1400 x 1050; 1440 x 900; 1600 x 1200; |
| | 1750 x 1050; 1900 x 1200; 1920 x 1080; 1920 x 2160; |
| | 2560 x 1440; 2560 x 1600; 3840 x 2160; 4096 x 2160 |

## Connectivity

| | |
|---|---|
| Input Video Digital | 2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP) |
| Input Audio Digital | 1 × DisplayPort: 2 × HDMI |
| Input Control | LAN 100Mbit; remote control wire (3,5mm jack); RS232 |
| Input Data | 1 x USB 2.0 (Powered 5V/2A, Firmware Updates): 1 x USB 2.0 Type-B (Downstream): 1 × USB 2.0 (Downstream) |
| Output Video Digital | 1 x DisplayPort (loop through: DisplayPort, SDM slot-in PC): 1 x HDMI (loop through: HDMI, SDM slot-in PC) |
| Output Audio Analogue | 1 x 3.5 mm jack |
| Output Control | 1 x LAN 100 Mbit |
| Input Detect | Custom; First; Last |
| PiP/PbP | Dual-Split, Quad-Split, scalable picture size |

## Open Modular Intelligence

| | |
|---|---|
| Intel® SDM | accepts Intel® Smart Display Modules Large and Small up to 66 W |
| Compute Module Slot | RPi Compute Module 4 |

## Sensors

| | |
|---|---|
| Temperature Sensor | Integrated, 3 sensors, triggered actions programmable |

## Electrical

| | |
|---|---|
| Power Consumption Eco/max. [W] | 205 shipping |
| Power Savings Mode [W] | < 0.5; < 2 (Networked Standby) |
| Power Management | VESA DPMS |
| Power Supply | 100-240 V AC; 50/60 Hz; internal |

## Environmental Conditions

| | |
|---|---|
| Operating Temperature [°C] | +0 to +35 |
| Operating Humidity [%] | 20 to 80 |
| Storage Humidity [%] | 10 to 80 |
| Storage Temperature [°C] | -20 to 60 |

## Mechanical

| | | |
|---|---|---|
| Dimensions (W x H x D) [mm] | 1,724.6 x 1,003.0 x 93.4 per display each | |
| Weight [kg] | 62 | 62.2 |
| Bezel Width [mm] | 21.9 (left and right); 21.9 (top and bottom) | |
| VESA Mounting [mm] | 600 x 400 (FDMI); 4 holes; M8 | |
| Ingress Protection | IP5x (front); IP2x (back) | |
| Packaging Dimensions (W x H x D) [mm] | Box 1: 1,830 x 1,070 x 255 | Box 2: 1,830 x 1,070 x 255 |
| Packaging Weight [kg] | Box 1: 76 | Box 2: 74.5 |

## Touch

| | | |
|---|---|---|
| Touch Technology | - | InGlass™ |
| Number of Touches | - | Real multi-touch up to 20 touches |
| Response Time [ms] | - | ≤ 15 |
| 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-HID |
| Accuracy [mm] | - | < 1 |
| Palm Rejection | - | yes |
| Windows Ink | - | yes |

## Available Options

| | |
|---|---|
| Accessories | Speaker (SP-RM3a); Wall mount (L20PNWALL90EU) |

## Green Features

| | |
|---|---|
| Energy Efficiency | Energy consumption: 145 kWh/1000 h; LED backlight |
| Ecological Standards | EnergyStar 8.0 |

## Additional Features

| | | |
|---|---|---|
| Special Characteristics | DICOM Simulation; HDMI ARC; Powered USB Port (10 W) | |
| Safety and Ergonomics | CE; EMC Class B; RoHS | |
| Pixel Failure Class | ISO 9241-307, Class 1 | |
| Audio | Integrated Speakers (10 W + 10 W); Integrated Audio Amplifier (for optional speakers up to 2 x 15W) | |
| Shipping Content | 2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual | 2x AAA batteries; Display; HDMI Cable; Power Cable; Remote Control; Setup Manual; USB Cable |
| Warranty | 3 years warranty incl. backlight; additional services available | |
| Operating Hours | 24/7 | |

| External Control | AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; SNMP |
|---|---|
| Remote Management | Automated Email Alerts; NEC NaViSet Administrator 2 |
| Security | Disable HW Buttons; Disable IR Functionality; Emergency Notification |

RoHS          CE