

## NEC MultiSync® P703 LCD 70" Professional Large Format Display

### Datasheet



The Reference MultiSync® P703 gives the ultimate size and quality image for content that will capture the imagination and attention of your visitors. The display can be pre-configured before it is installed via our innovative new Android App and NFC sensor offer saving installation time and cost. A focus is also placed on reducing power consumption and lowering running costs with the LED backlighting and Human Sensor which can manage the power of the display depending upon viewer proximity.

This display is ideal for any heavy duty application from retail to control rooms or as a projector replacement in high brightness meeting rooms and can be combined with an integrated OPS WiDi.

### Benefits

**Lowest installation and operating costs on the market** – from the combination of LED backlights, Intelligent Wireless Data (NFC), programmable Ambient Light Sensor and (optional) OPS Slot-in PCs.

**Future Ready with OPS Cable Free Expansion** – upgrade the power of your display at any time while seamlessly integrating one of our various Slot-in PCs, signal interfaces and other OPS compatible products without the need for external cables or devices.

**DICOM support** – for medical applications.

**Free Download of Multi-Display Management Software** – with NaViSet Administrator 2 you can manage all your connected display devices from a centralised location.

## Product Information

|               |   |
|---------------|---|
| Product Name  | NEC MultiSync® P703                       |
| Product Group | LCD 70" Professional Large Format Display |
| Order Code    | 60003480                                  |

## Display

|                                 |   |
|---------------------------------|---|
| Panel Technology                | UV <sup>2</sup> A with Edge LED backlight                   |
| Active Screen Area (W x H) [mm] | 1,538.88 x 865.62   |
| Screen Size [inch/cm]           | 70 / 178  |
| Brightness [cd/m <sup>2</sup> ] | 700, 420 Eco (shipment setting)                             |
| Contrast Ratio (typ.)           | 5000:1  |
| Viewing Angle [°]               | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Response Time (typ.) [ms]       | 8 (grey-to-grey)  |
| Haze Level [%]                  | 5   |
| Supported Orientation           | Face Down; Face Up <sup>1</sup> ; Landscape; Portrait       |

## Synchronisation Rate

|                            |                                  |
|----------------------------|----------------------------------|
| Horizontal Frequency [kHz] | 31.5 - 91.1 (analog and digital) |
| Vertical Frequency [Hz]    | 50 - 85                          |

## Resolution

|                                   |  |   |   |                               |
|-----------------------------------|--|---|---|-------------------------------|
| Native Resolution                 | 1920 x 1080 at 60 Hz   |   |   |                               |
| Supported on DisplayPort and HDMI | 3840 x 2160 (24/30 Hz);<br>1920 x 1080;<br>1600 x 1200;<br>1360 x 768; | 1280 x 1024;<br>1280 x 768;<br>1080i;<br>1080p; | 1024 x 768;<br>800 x 600;<br>720p (50/60 Hz);<br>640 x 480; | 576p (50 Hz);<br>480p (60 Hz) |
| Supported on HDMI only            | 4096 x 2160 (24 Hz);<br>3840 x 2160 (25 Hz);                           | 1360 x 768;<br>576i (50 Hz);                    | 480i (60 Hz)  |                               |

## Connectivity

|                       |   |
|-----------------------|---|
| Input Video Analogue  | 1 x D-sub 15 pin  |
| Input Video Digital   | 1 x DisplayPort (with HDCP); 1 x DVI-D (with HDCP); 1 x HDMI (with HDCP)                            |
| Input Audio Analogue  | 2 x 3,5 mm jack   |
| Input Audio Digital   | 1 x HDMI; DisplayPort   |
| Input Control         | LAN 100Mbit; remote control wire (3,5mm jack); RS232  |
| Output Video Digital  | 1 x DisplayPort out (loop through: DisplayPort, DVI-D, HDMI, Interface Extension Slot, OPS)         |
| Output Audio Analogue | 3,5mm jack  |
| Output Control        | LAN 100Mbit   |
| Remote Control        | LAN with SNMP; Remote Control IR (internal/external (optional) sensor); RS-232C (9-pin D-sub) Input |

## Open Modular Intelligence

|                         |  |
|-------------------------|--|
| OPS Slot                | Slot Technology: Open pluggable specification (NEC / Intel OPS standard) |
| Inrush Current [A]      | max. 10  |
| Power Consumption [W]   | max. 61  |
| Voltage / Current [V/A] | 16/0   |

## Interface Extension Slot

|                 |   |
|-----------------|---|
| Slot Technology | analogue and digital interface extension (NEC standard) |
|-----------------|---|

## 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          |
| NFC Sensor           | Integrated, 2cm range, free NEC Android App required           |

## Electrical

|                                |                                 |
|--------------------------------|---------------------------------|
| Power Consumption Eco/max. [W] | 150 Eco (shipment setting), 210 |
| Power Savings Mode [W]         | < 0.5 (ECO Standby); < 1        |
| 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] | Without stand: 1,587 x 919.6 x 86.9      |
| Weight [kg]                 | Without stand: 47                        |
| Bezel Width [mm]            | 23 (left and right); 23 (top and bottom) |
| VESA Mounting [mm]          | 4 holes; 400 x 400 (FDMI); M8            |
| Ingress Protection          | IP40 (front); IP20 (back)                |

## Available Options

|                     |  |
|---------------------|--|
| Accessories         | Feet (ST-801); Speaker (SP-TF1, SP-RM1, SP-70SM); Trolley (PDMHM-L); Wall mount (PDW T XL) |
| Interface Extension | SB3-AB1 analogue: Audio; Component; Composite; S-Video<br>SB3-AB2 analogue: Audio; RGBHV   |
| OPS Slot            | HD-SDI 1.5G; HD-SDI 1.5G,3G; HDBaseT receiver; Intel® Atom, Celeron and Core CPUs          |

## Green Features

|                      |  |
|----------------------|--|
| Energy Efficiency    | Ambient light sensor; Annual energy consumption: 212 kWh (based on 4 operating hours per day); Carbon savings meter; ECOMode; Energy efficiency class: A; Human Sensor |
| Ecological Materials | Manuals on CD; Optional feet   |

## Additional Features

|                         |  |
|-------------------------|--|
| Special Characteristics | Auto ID assignment; Auto tiling function; Automatic Alarm E-Mails; DICOM Simulation; HTTP Server; Image flip; NaViSet Administrator 2; Point Zoom Function; Programmable 10-bit LUT with 3 memory banks; Sticky Note Function in OSD; User readable log function |
| Colour Versions         | Black Front Bezel, Black Back Cabinet  |
| Safety and Ergonomics   | C-tick; CE; FCC Class B; PSB; RoHS; TÜV GS; UL/C-UL or CSA; VCCI   |
| Audio                   | Integrated Speakers (10 W + 10 W); Optional Speakers (15 W + 15 W); Optional Speakers (40 W + 40 W)  |
| Shipping Content        | CD-ROM (User Guides/Manuals); Display; DVI-D cable; Power Cable; Remote Control  |
| Warranty                | 3 years warranty incl. backlight; additional services available; optional 4. + 5. year warranty extension <sup>2</sup>   |
| Operating Hours         | 24/7   |

<sup>1</sup> adjusted usage conditions for face up/down installations, please refer to operational guidelines or contact our support

<sup>2</sup> please refer to terms and conditions of warranty extensions



CE



C-tick



FCC Class B



RoHS



TÜV GS



VCCI

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