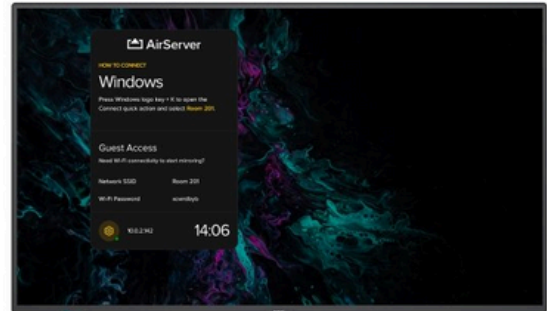
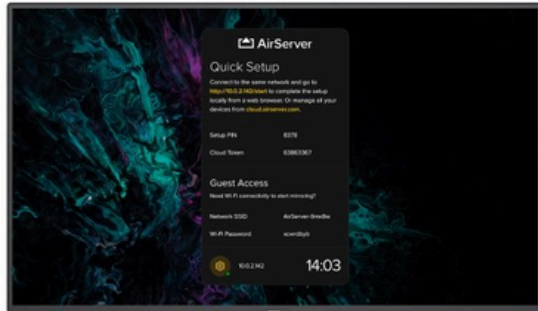


LCD 86" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

# NEC MultiSync® M861 AirServer



## Content sharing made simple with native wireless screen mirroring

Initiating effective collaboration in meeting rooms has never been easier to plan, install and operate. Simply share content from your personal device to the large meeting room display.

The MultiSync® ME/M series AirServer models provide a sleek combination of intuitive screen sharing with professional display technology for meeting rooms and huddle spaces.

Future-proof and upgradable, AirServer software is powered by a pre-installed modular SoC Raspberry Pi module which transforms the Sharp M and ME series large format display into a universal screen mirroring receiver. With AirServer enabled on the Sharp large format display, users can wirelessly mirror the content on their personal screen (Mac or PC, iPhone, iPad, Android or Chromebook) to the meeting room display, instantly turning the room into a collaborative space.

## Benefits

Unhindered readability – no reflections from windows or other light sources means no disruption to the visibility of signage content or meeting room presentation

Enhanced imaging performance – advanced settings of all relevant visual parameters allow full control of brightness, colour, gamma and uniformity via the SpectraView Engine for precise, natural images.

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.

Future Ready Connectivity – featuring multiple industry standard digital and analogue signal inputs for flexible integration into AV infrastructures.

Secure remote management – control your devices remotely and securely using NEC NaviSet Administrator 2; proactively manage maintenance requirements saving time and resources

# Specifications

## Product Information

### Product Name

NEC MultiSync®M861 AirServer

### Product Group

LCD 86" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

### Order Code

40001655

## Display

### Panel Technology

IPS with Direct LED backlights

### Screen Size [inch/cm]

86 / 217.4

### Aspect Ratio

16:9

### Brightness [cd/m<sup>2</sup>]

500

### Contrast Ratio

≥ 8000:11

### Viewing Angle [°]

178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

### Colour Depth [bn]

1.073 (10bit)

### Colour Gamut

68% of DCI

### Response Time (typ.) [ms]

8

### Panel Refresh Rate [Hz]

60

### Haze Level [%]

Pro (28)

### Supported Orientation

Landscape; Portrait

## Resolution

### Native Resolution

3840 x 2160

## Supported Resolutions

1024 x 768;	1440 x 900;	2560 x
1280 x	1600 x	1600; 3840
1024; 1280	1200; 1920	x 2160;
x 720; 1360	x 1080;	4096 x
x 768; 1366	1920 x	2160; 7680
x 768; 1400	1200; 1920	x 4320
x 1050;	x 2160;	
	2560 x	

## Synchronisation Rate

1440;

Horizontal Frequency [kHz]

15 - 135

## Vertical Frequency [Hz]

23 - 76

## Connectivity

### Input Video Digital

2 x DisplayPort (with HDCP); 2 x HDMI (with HDCP)

### Input Audio Digital

1 x DisplayPort; 2 x HDMI

### Input Control

LAN 100Mbit; remote control wire (3,5mm jack); RS232

### Input Data

1 x USB 2.0 (Downstream); 1 x USB 2.0 (Powered 5V/2A, Firmware Updates); 1 x USB 2.0 Type-B (Downstream)

### Output Video Digital

1 x DisplayPort (loop through: DisplayPort, SDM slot-in PC); 1 x HDMI (loop through: HDMI, SDM slot-in PC); DP (in) to HDMI (out) conversion

### Output Audio Analogue

1 x 3,5 mm jack

### Output Control

1 x LAN

100Mbit

### Input Detect

Custom; First; Last

### PiP/PbP

Dual-Split; Quad-Split; scalable picture size

## Calibration

### Factory Calibration

Gamma; Intensity; RGB; Uniformity; White Point

Sensor Calibration (through USB)  
PC-less Calibration with USB Sensor MDSVSensor3; White Copy (post self-calibration)

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Calibration with Software  
Corner Uniformity; Gamma; Intensity; RGB; Update Factory Calibration; White Point

---

Calibration Software  
Display Wall Calibrator

---

### AirServer Embedded Screen Mirroring Solution

AirPlay  
code and password; extend macOS display; iOS, iPadOS and macOS; screen mirroring and content sharing

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Google Cast  
Android, Chrome OS and Google Chrome; prompt security; screen mirroring and cast from apps with DRM

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Miracast  
Android and Windows; extend Windows 10 and 11 desktop; Miracast over infrastructure; screen mirroring; touchback and pen support

---

Guest Connectivity  
2.4 and 5 GHz channel selection; access control (device only, Internet only or Internet/LAN; Wi-Fi Hotspot; WPA2 security

---

Video Output  
up to Full HD (1920 x 1080) at 60 fps

---

No. of Connections  
1

---

Networking  
1 x Gigabit LAN; 802.11 ac/b/g/n Wi-Fi; 802.1X security; IPv6 addresses; Proxy

---

Automatic Updates  
provides new features and security enhancements

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### Sensors

Ambient Light Sensor  
Integrated, triggered actions programmable

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Temperature Sensor  
Integrated, 3 sensors, triggered actions programmable

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### Electrical

Power Consumption [W]  
320 shipping

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Power Savings Mode [W]  
< 0.5; < 2 (Networked Standby)

---

Power Management  
VESA DPMS

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Power Supply  
100-240 V AC; 50/60 Hz; internal

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### Environmental Conditions

Operating Temperature [°C]  
+0 to +40

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Operating Humidity [%]  
20 to 80

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Storage Humidity [%]  
10 to 80

---

Storage Temperature [°C]  
-20 to 60

---

### Mechanical

Dimensions (W x H x D) [mm]  
1,927.6 x 1,099.1 x 83.2

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Weight [kg]  
47

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Bezel Width [mm]  
14.3 (left, right and top); 14.8 (bottom)

---

VESA Mounting [mm]  
4 holes; 600 x 400 (FDMI); M8

---

Ingress Protection  
IP5x (front); IP2x (back)

---

Packaging Dimensions (W x H x D) [mm]  
2,090 x 1,225 x 225

---

Packaging Weight [kg]  
65.1

---

Colour Bezel  
Pantone 426M (black)

---

Material  
Metal

---

## Available Options

### Accessories

Feet (ST-801); Speaker (SP-RM3); Trolley (L20PNSR780MEU, PD02MHA, PD03MHA); Wall mount (L20PNWALL90EU, SF680P)

## Regulatory

### Safety and Ergonomics

BSMI; CE; EAC; EMC Class B; Energy Star 8; FCC Class B; KC/KCC; PSB; RCM; RoHS; VCCI

### Pixel Failure Class

ISO 9241-307, Class 1

### Resistance to Fire

Metal backcover, plastic material certified acc. to UL94-5VB

## Green Features

### Energy Efficiency

Energy consumption: 193 kWh/1000 h; Energy efficiency class: G; LED backlight

### Ecological Standards

EnergyStar 8.0

## Additional Features

### Special Characteristics

DICOM Simulation; HDMI ARC; Powered USB Port (10 W); Removable Logo

### Audio

Integrated Audio Amplifier (for optional speakers up to 2 x 15 W); 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; additional services available; optional 4. + 5. year warranty extension<sup>2</sup>

### 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; NaViSet Administrator 2

### Security

Disable HW Buttons; Disable IR Functionality; Emergency Notification

<sup>1</sup> out of the box conditions. Local dimming ON.  
Please refer to terms and conditions of warranty extensions

<sup>2</sup>



RCM



RoHS



FCC Class B



CE



VCCI

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