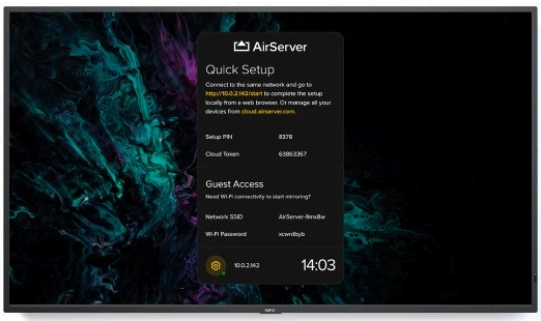
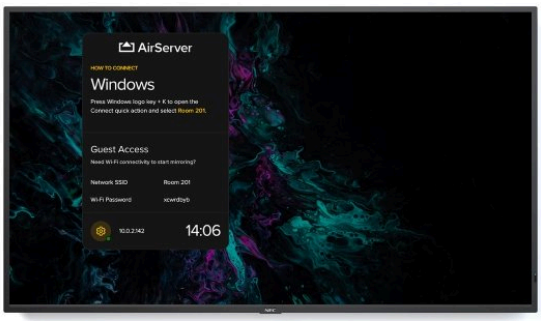
Preliminary Datasheet

LCD 65" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

NEC MultiSync® ME651 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

Modern and slim design – robust yet elegant allowing for an unobtrusive integration into any application and environment.

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

Ease of use and operation – smart installation, operation and maintenance functionality ensures accurate performance over the entire lifetime of the display saving time, effort and resources.

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

Effortless content playback – the integrated USB media player supports various image video file formats for effortless and standalone content playback.

Specifications

Product Information

Product Name
NEC MultiSync® ME651 AirServer

Product Group
LCD 65" Midrange Large Format Display (incl. AirServer® Embedded Screen Mirroring Solution)

Order Code
40001587

Display

Panel Technology
IPS with Direct LED backlights

Screen Size [inch/cm]
65 / 163.9

Aspect Ratio
16:9

Brightness [cd/m²]
400

Contrast Ratio
≥ 8000:1 [1]

Viewing Angle [°]
178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Colour Depth [bn]
1.073 (8bit + FRC)

Response Time (typ.) [ms]
6

Panel Refresh Rate [Hz]
60

Haze Level [%]
Standard (1)

Supported Orientation
Landscape; Portrait

Resolution

Native Resolution
3840 x 2160

Supported Resolutions

1024 x 768;	1440 x 900;	2560 x 1440;
1280 x 1024;	1600 x 1200;	2560 x 1600;
1280 x 720;	1650 x 1050;	3840 x 2160;
1360 x 768;	1920 x 1080;	4096 x 2160
1366 x 768;	1920 x 1200;	
1400 x 1050;	1920 x 2160;	

Synchronisation Rate

Horizontal Frequency [kHz]
26 - 135

Vertical Frequency [Hz]
23 - 86

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

Intel® SDM
accepts Intel® Smart Display Modules Large and Small up to 66 W

Compute Module Slot
RPi Compute Module 4

AirServer Embedded Screen Mirroring Solution

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

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

Miracast
Android and Windows; extend Windows 10 and [value2] 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 adresses; Proxy

Automatic Updates
provides new features and security enhancements

Sensors

Temperature Sensor
Integrated, 3 sensors, triggered actions programmable

Electrical

Power Consumption [W]
165 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 +40

Operating Humidity [%]
20 to 80

Storage Humidity [%]
10 to 90

Storage Temperature [°C]
-20 to 60

Mechanical

Dimensions (W x H x D) [mm]
1,462.3 x 837.3 x 68.1

Weight [kg]
29.4

Bezel Width [mm]
14.9 (symmetrical)

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

Ingress Protection
IP5x (front); IP2x (back)

Packaging Dimensions (W x H x D) [mm]
1,736 x 1,033 x 280

Packaging Weight [kg]
41.7

Colour Bezel
Pantone 426M (black)

Material
Metal

MediaPlayer

Supported File Storage / File System
USB 2.0 / FAT16, FAT32

Supported Image Formats
JPG (baseline, progressive, RGB, CMYK); max. resolution 15360 x 8640

Supported Video Formats
MPG (MPEG1/2/4, max res 1080p@30Hz); MP4 (MPEG2/4, H.263, H.264, HEVC/H.265, max res 3840x2160@60Hz); TS (MPEG2, H.264, HEVC/H.265, max res 3840x2160@60Hz); audio: LPCM, MP3, AAC; WMV (video H.264, Windows Media Video 9, max res 1080p@30Hz, audio WMA 9, WMA 10 Pro)

Supported Audio Formats
MP3 (MP3); max. bit-rate 320 kBit/s

Available Options

Accessories
Feet (ST-65M); MPi4 NEC MediaPlayer Kit; Presence Sensor (KT-RC3); Soundbar (active: SP-ASCM-IQ2 / SP-ASCM-2); Speaker (SP-RM3a); Trolley (PD04-Tipster Trolley); Wall mount (PDW S 32-65 L, PDW S 32-65 P)

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: 156 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 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 [2]

Operating Hours
18/7

External Control
AMX NetLinx Support; ASCII Control Commands; Crestron Connected; HDMI CEC; HTTP Browser; PJLink; Scheduled Timer; Scheduled Timer; SNMP

Remote Management
Automated Email Alerts; NaViSet Administrator 2

Security
Disable HW Buttons; Disable IR Functionality; Emergency Notification

[1] out of the box conditions, local dimming ON

[2] please refer to terms and conditions of warranty extensions

RCM FCC Class B CE RoHS VCCI

This document is © 2026 Sharp 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. 12.10.2026