Large Format Display - Message

Sharp MultiSync® M982



Built to perform, designed to last

- Seamless meeting workflows a single USB-C cable transmits video, data, and power for instant, clutter-free meeting setups. As the established standard for modern collaboration spaces, USB-C supports frictionless BYOD experiences.
- Unhindered readability a high-haze panel reduces glare from windows and ambient light, keeping signage content and presentations clear for uninterrupted viewing in any environment
- Security assured 802.1x support over LAN enables high-level security for corporate networks, giving peace of mind for IT teams and enterprise environments.
- Enhanced imaging precision when brand consistency and corporate identity are important, NEC's SpectraView Engine provides full control over colour, gamma, and uniformity for accurate and impactful content.
- Broad AV compatibility fully interoperable with leading meeting room platforms including Crestron (XiO Cloud), Cisco Webex, Q-Sys, and Microsoft Teams, ensuring effortless integration and future-proof scalability.

Options

IoT and Asset Management

NaViSet Administrator 2 Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices
Sharp/NEC's software suite that provides monitoring, asset management and control functionality for display devices.

PD Comms Tool Test tool to quickly diagnose communication issues remotely
Test tool to quickly diagnose communication issues remotely.

Firmware Update Tool Utility to assist with updating the firmware of dedicated Sharp/NEC large format and desktop displays
Utility to assist with updating the firmware of dedicated Sharp/NEC large format and desktop displays.

Mounting Options

Wall Mount SF680P Universal XX-Large flat wall mount for dedicated Sharp/NEC large format displays (65" to 98")
Universal XX-Large flat wall mount for dedicated Sharp/NEC large format displays (65" to 98")

Trolley EVER 350 Mobile High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98")
High-end mobile trolley for dedicated Sharp/NEC large format displays (50" to 98").

Trolley EVER 350 Mobile Motor High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98")
High-end mobile trolley offering motorised height-adjustability for dedicated Sharp/NEC large format and interactive displays (50" to 98").

Sensors

Sharp KTES1 ECO Sensor for dedicated Sharp large format displays
ECO Sensor for dedicated Sharp large format displays.

Video Wall Options

Remote Control Kit - KT-RC3 IR/Remote Control Kit for dedicated Sharp/NEC large format displays
IR/Remote Control Kit for dedicated Sharp/NEC large format displays.

Computing Essential

MPi4 Kit powered by Raspberry Pi Slot-in computing moduie based on the Raspberry Pi Compute Module 4
Slot-in computing moduie based on the Raspberry Pi Compute Module 4

SDM Essential SDM slot-in PC (Intel® Elkhart Lake Atom) optimised for essential signage applications
SDM slot-in PC (Intel® Elkhart Lake Atom) optimised for essential signage applications

SDM MPi5 Kit powered by Raspberry Pi Fanless, silent operation designed for distraction-free environments, built specifically for continuous, dependable 24/7 operation in any orientation
Fanless, silent operation designed for distraction-free environments, built specifically for continuous, dependable 24/7 operation in any orientation.

Computing Midrange

SDM Slot-In PC Midrange (RPL) SDM slot-In PC (Intel® U300E, 5 Cores) for any midrange signage application
SDM slot-In PC (Intel® U300E, 5 Cores) for any midrange signage application

SDM Slot-In PC Midrange (ADL) Intel® SDM slot-In PC for any midrange signage applications
Intel® SDM slot-In PC for any midrange signage applications

SDM BrightSign Built-In Player Power, flexibility and future-ready performance, without compromise
Power, flexibility and future-ready performance, without compromise.

Computing Advanced

SDM Slot-In PC Advanced (RPL) SDM slot-in PC (Intel® Core i5) for any high-end signage application
SDM slot-in PC (Intel® Core i5) for any high-end signage application

Value Added Services

De-/Re-install Service for Large Format Displays Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays
Optional De-/Re-install Service (1st to 3rd year or 1st to 5th year) for dedicated Sharp Large Format Displays

Laser Branding Optional Laser Branding Service for dedicated Sharp Display Products
Optional Laser Branding Service for dedicated Sharp Display Products

Support+ Optional additional services (1st to 3rd year) for dedicated Sharp Display Products
Optional additional services (1st to 3rd year) for dedicated Sharp Display Products

Speakers and Soundbars

PN-ZCMS1 All-in-one collaboration videobar incl
All-in-one collaboration videobar incl. speaker, microphone and camera.

SP-RM3a Active high-end speaker for dedicated Sharp/NEC large format displays
Active high-end speaker for dedicated Sharp/NEC large format displays.

Soundbar bracket TOP SB-T02 Soundbar bracket for MultiSync® MExx2, M551, M652, M751/2, M861/2, M981/2, E758, E868, E988, P556, P656 and P756
Soundbar bracket for MultiSync® MExx2, M551, M652, M751/2, M861/2, M981/2, E758, E868, E988, P556, P656 and P756.

Cables

USB-C 5M 5m USB Type-C cable
5m USB Type-C cable

USB-C 7M 7m USB Type-C cable
7m USB Type-C cable

Warranty Extensions

2nd Life Warranty Extension for Large Format Displays (Eco Prime) Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (3 years) for dedicated Sharp Large Format and Interactive Displays

2nd Life Warranty Extension for Large Format Displays (Eco Value+) Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (1 year) for dedicated Sharp Large Format and Interactive Displays

2nd Life Warranty Extension for Large Format Displays (Eco Select) Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays
Optional Second-life warranty (2 years) for dedicated Sharp Large Format and Interactive Displays

Warranty Extension for Large Format Displays and Computing Solutions Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions
Optional Warranty Extension (4th to 5th year) for dedicated Sharp Large Format Displays and Computing Solutions

Interfaces and Adapters

SDM HDBaseT Receiver Slot-in board for video signal transmission up to 150m through a single network cable
Slot-in board for video signal transmission up to 150m through a single network cable

SDM 12G SDI Receiver Slot-in board for transmission of uncompressed and unencrypted video signals in UHD resolution
Slot-in board for transmission of uncompressed and unencrypted video signals in UHD resolution

Computing Enterprise

SDM Slot-In PC Enterprise (RPL) SDM slot-In PC (Intel® COre i5) for demanding meeting room applications
SDM slot-In PC (Intel® COre i5) for demanding meeting room applications

Calilbration and Adjustment

Display Wall Calibrator Automatic adjustment of colour and brightness
Automatic adjustment of colour and brightness.

Specifications

General

Series	[sharp-m2-series]
Order Code	PNM982

Display

Aspect Ratio	16:9
Brightness (cd/m²)	550
Colour Depth	1.073 (10bit)
Colour Gamut	72% of NTSC
Contrast Ratio	≥ 8000:1
Haze Level (%)	Pro (25)
Panel Refresh Rate (Hz)	60
Panel Technology	IPS with Direct LED backlights
Screen Size (inch)	98
Screen Size (cm)	247.7
Supported Orientation	Landscape, Portrait, Face Up
Viewing Angle	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Resolution

Native Resolution	3840 x 2160
Supported Resolutions	640 x 480, 800 x 600, 3840 x 2160, 1366 x 768, 1440 x 900, 1600 x 1200, 720 x 400, 1270 x 720, 720 x 576, 1280 x 720, 1920 x 1080, 1920 x 1200, 1400 x 1050, 1920 x 2160, 1280 x 800, 4096 x 2160, 1280 x 1024, 1024 x 768 , 1360 x 768, 720 x 480, 1680 x 1050

Connectivity

Audio Output 3.5mm	Audio Output, Line Out
DisplayPort In 1	Video Input, UHD (60 Hz) DP 1.2, Audio Input, HDCP (2.2)
DisplayPort Out	Video Output, Audio Output, HDCP (2.2), UHD (60 Hz) DP 1.2, Loop Through: DisplayPort IN, USB-C 2
HDMI In 1	Audio Input, CEC, Video Input, UHD (60 Hz) HDCP (2.2), ARC
HDMI In 2	CEC, UHD (60 Hz) HDCP (2.2), Audio Input, Video Input
HDMI Out	UHD (60 Hz) HDCP (2.2), Loop Through: HDMI IN 2, Option, Compute module, Video Output, Audio Output
Input Detect	First, Last, Custom
LAN 1	100 MBit/s
LAN 2	100 MBit/s
LAN 2 Loop Through	LAN 1, RS-232C, IR
PiP / PbP	Scalable picture size, 2-Split
Remote In (3.5mm)	Eco Sensor (IR-Extender, Ambient and Presence)
RS-232C (bps)	9600
USB-A Service	Service, 2.5 W
USB-A 1	USB Storage, [45-w], Peripherals, [usb-20-32]
USB-C 1	65 W, UHD (60 Hz), Audio Input, Video Input, HDCP (2.2), DP alt. 1.2, USB 2.0 / 3.2
USB-C 2	USB 2.0 / 3.2, 7.5 W, Storage, Peripherals

Calibration

Calibration Software	Display Wall Calibrator
Calibration With Software	Intensity, RGB, Gamma, Corner Uniformity, Update Factory Calibration, White Point
Factory Calibration	White Point, RGB, Gamma, Uniformity, Intensity

Open Modular Intelligence

Compute Module Slot	[accepts-intel-smart-display-modules-large-and-small-up-to-66], MPi4 and MPi5 Kit (powered by Raspberry Pi)

Sensors

Ambient Light Sensor	Integrated, triggered actions programmable
Human Sensor	optional via Eco Sensor (KTES1)
Temperature Sensor	Integrated, 3 sensors, triggered actions programmable

Electrical

Power Supply	100-240 V AC, 50/60 Hz, internal
Power Savings Mode (W)	< 0.5, < 2.0 (Networked Standby)

Mechanical

Bezel Width (mm)	15.9
Dimensions Width (mm)	2194.7
Dimensions Height (mm)	1250.2
Dimensions Depth (mm)	84.3
Ingress Protection	IP5X (front); IP2X (back)
Packaging Dimensions Width (mm)	2350
Packaging Dimensions Height (mm)	1400
Packaging Dimensions Depth (mm)	310
Packaging Weight (kg)	99
VESA Mounting Holes	4
VESA Mounting Screw	M8
VESA Mounting FDMI	600 x 400
Weight (kg)	68
Material	Metal

Environmental Conditions

Operating Humidity (%)	20 to 80
Operating Temperature (°C)	+0 to +40
Storage Humidity (%)	10 to 80
Storage Temperature (°C)	-20 to 60

Regulatory

Pixel Failure Class	ISO 9241-307, Class 1
Resistance to Fire	Metal backcover, plastic material certified acc. to UL94-5VB
Safety and Ergonomics	CE, UKCA, EMC Class B, REACH, RoHS

Green Features

Ecological Standards	EnergyStar 8.0
Energy Efficiency Class	G
Energy Consumption (kWh/1000h)	202

3rd Party Certifications

3rd Party Certificate	Certified for Crestron CCV2 and XiO Cloud, Verified for Cisco Collaboration Devices, Q-Sys Plug-in

Additional Features

Audio	Integrated Speakers (2 x 10 W)
External Control	SNMP
Operating Hours	24/7
Remote Management	NaViSet Administrator 2
Security	Disable IR Functionality, Disable HW Buttons, IEEE802.1X (LAN)
Shipping Content	Remote Control , Display, 2 x AAA batteries, Setup Manual, HDMI Cable, Power Cable
Special Characteristics	DICOM Simulation, Clone Settings, Scheduler
Warranty	optional 4. + 5. year warranty extension, additional services available, 3 years warranty incl. backlight

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