

# sControl™ Nano

Ultra Small Network Control Processor  
SKU-03620420

# MediaMatrix®

PRELIMINARY



## Description

The MediaMatrix® sControl™ Nano is an ultra-small industrial grade network control processor with a robust IoT OS pre-configured with the award-winning nWare™ platform ControlManager software suite providing open architecture control and monitoring functionality over an Ethernet data network.

An energy efficient, yet powerful, Intel Celeron N3350 Apollo Lake processor is at the heart of the sControl Nano allowing for processor-intensive applications.

The sControl Nano has been designed to monitor and control MediaMatrix® and Crest Audio® networkable products including 3rd party device plugins supported by the nWare 3.xx software suite. sControl Nano is a cost effective solution for small to medium size commercial AV systems where sixteen (16) or less network connected devices are required to be monitored and/or controlled. Perfect for public address, audio-visual media control and monitoring applications.

Designed to work in conjunction with the MediaMatrix and Crest Audio product lines including next generation MediaMatrix “S” series Digital Signal Processors, and I/O networkable bridges, the sControl Nano can be custom configured as a network edge controller using the nWare open architecture programming and control graphical user interface design suite. The sControl Nano is capable of hosting both Kiosk2Go™ and MediaMatrix Kiosk graphics user interface sessions on any smart device compatible HTML web browsers or respectively when connected directly to supported touch screens or a monitor, keyboard + mouse.

Where typical fanned solutions fail, the sControl Nano thrives thanks to the hardshell enclosed, ruggedized, fanless and ventless chassis. Being IP-50 rated the sControl Nano is protected against the rigors of grueling environments resisting dust, metal shavings and other debris often found in industrial, commercial and other demanding environments.

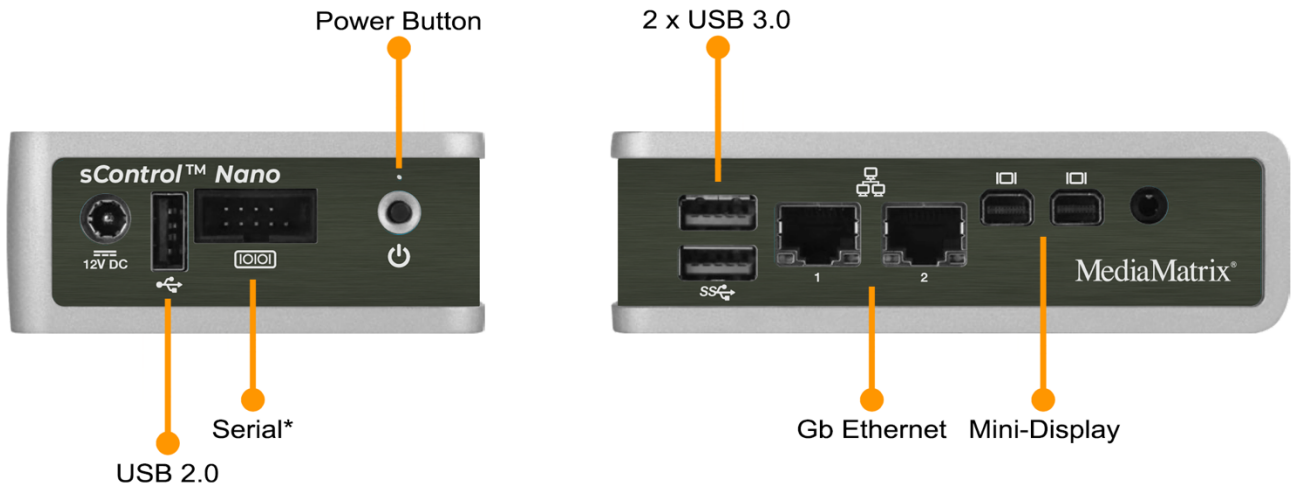
## Features

- Monitoring and control of MediaMatrix and Crest Audio networkable products including MediaMatrix “S” series Digital Signal Processors, and I/O networkable bridges, power amplifiers and audio interfaces either locally or network distributed.
- Seamless integration within MediaMatrix® nWare™ software suite, supporting Kiosk2Go™ Web user interface or direct monitor / touchscreen control.
- Dual Gigabit Ethernet LAN ports.
- Full featured I/O compliment for video and data connectivity.
- 2 Mini-Display ports.
- 1 x USB 2.0 plus 2 x USB 3.0 ports.
- Dual-Core 1.1 GHz Intel Apollo Lake Celeron N3350 processor with HD graphics 500.
- 32 GB eMMC onboard storage.
- 4 GB LPDDR4 Memory (RAM).
- DIN rail mounting kit supplied. (VESA mount kit optional)
- Ultra-small footprint only 4.53” (L) x 3.23” (W) x 1.34” (H)
- Low profile, fan-less, energy efficient green design.
- Power Button, power indicator LED
- Powered by 12VDC @ 3A external power supply via DC input jack.



# sControl™ Nano (Ultra-Small Control Processor)

Specifications



## MAIN BOARD & STORAGE

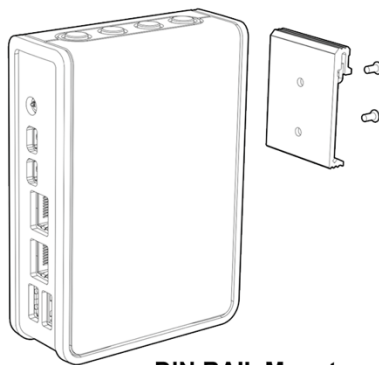
CPU:	Intel® Celeron N3350 1.1 GHz (2 Cores)
GRAPHICS:	Intel® HD Graphics 500
RAM:	4GB LPDDR4
Storage:	32GB onboard eMMC

## MECHANICAL

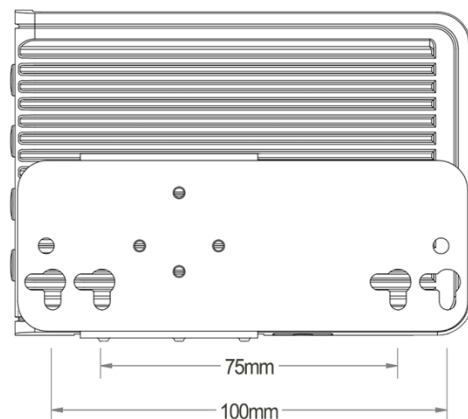
Dimensions:	L 115mm (4.53") - W 82mm (3.23") - H 34mm (1.34")
Net/Gross Weight:	1.61 lbs (0.73kg) / 4 lbs (1.81kg)
Operating Temp:	32 to 122°F (0 to 50°C) - non condensing
Power Supply:	12VDC @ 3A
P level:	IP 50
Mounting:	DIN Rail Kit included. VESA mount optional

## CONNECTIVITY

Ethernet:	LAN1: Intel® 1GbE LAN2: Intel® 1GbE
Video Data:	2 x Mini-Display Port
Video Resolution:	Up to to 3840x2160 (4K) @ 60 Hz
I/O Ports & Switches:	2 x USB 3.0 1 x USB 2.0 1 x Serial (*not currently support) 1 x 12V DC Jack 1 x Power button



DIN RAIL Mount



VESA Mount Optional  
SKU-03620800

## Architect's & Engineer's Specifications

The ultra-small form factor network control processor shall be an energy efficient industrial grade device installed with a robust IoT operating system and open architecture configurable control software suite supporting control and monitoring of network connected AV equipment over an Ethernet data network. The device shall feature a dual core 1.1 GHz CPU with independent graphics processor supporting video resolutions up to 3840x2160 @ 60Hz via two (2) Mini-Display ports and shall include two (2) Gigabit Ethernet RJ45 ports. Up to sixteen (16) network connected devices shall be supported via the control software graphical user interface (GUI) suite allowing for both HTML web interface supported smart devices and/or directly connected touch screens or monitor, keyboard + mouse from the available Mini-Display, 2 x USB 3.0 and 1 x USB 2.0 ports. The device's enclosure shall be a ruggedized IP-50 rated fanless and ventless chassis with a volume no greater than 320cm<sup>3</sup>. The device shall be powered via a 12VDC external universal power adapter. The ultra-small form factor network control processor shall be the MediaMatrix sControl™ Nano or approved equivalent.

MediaMatrix®

Features and specifications subject to change without notice - Copyright © 2021

Peavey Electronics Corporation • 5022 Hartley Peavey Drive • Meridian, MS 39305  
Phone: (601) 483-5365 • Fax: (601) 486-1278 • www.peaveycommercialaudio.com



Commercial Audio