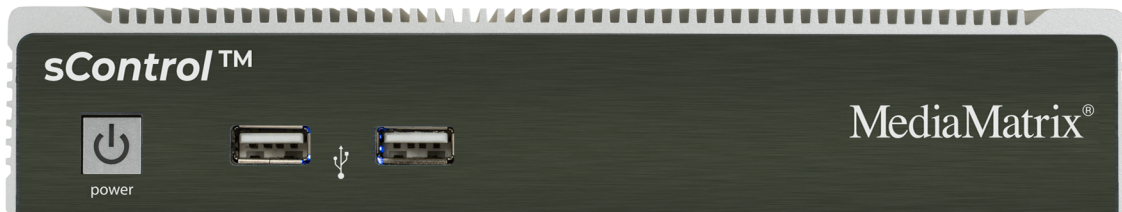


sControl™

Network Control Processor
SKU-03620410

MediaMatrix®



Description

The MediaMatrix® sControl™ is an industrial grade network control processor installed with the award-winning nWare™ platform Control Manager software providing open architecture control and monitoring functionality for large and enterprise mission critical networked media public address and control systems.

Designed to work in conjunction with the NION® and next generation of DSP media processors in addition to hosting practically any 3rd party device under the nWare® software suite, the sControl is specifically purposed to be the brains of the media control, processing and monitoring systems.

The sControl strikes the ideal balance between energy efficiency, performance, versatility, and durability. The Intel Quad-Core N3150 Braswell Celeron processor supports continued processing @ 1.60GHz and up to 2GHz burst frequency consuming less than 6 Watts making it ideal for processor-intensive applications.

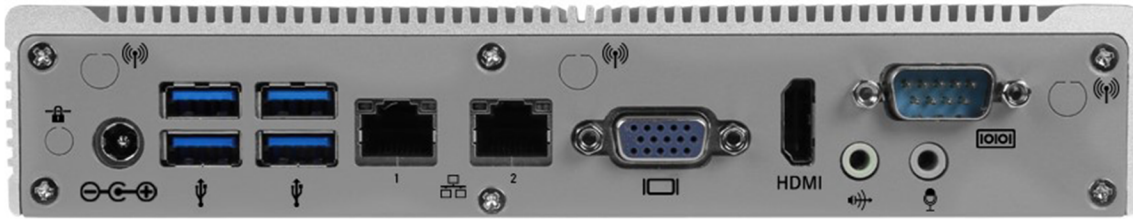
Built to last, the sControl is enclosed in a ruggedized, fanless and ventless chassis that protects the system against the rigors of grueling environments. Where typical fanned solutions fail, the sControl thrives thanks to the Hardshell Fanless Technology, which resists dust, metal shavings and other debris often found in industrial and other demanding environments.

The fully solid state design eliminates all typical points of mechanical failure with its fanless integrated chassis heat sink for optimal system cooling and SSD storage.

An optional 2RU rack mount adapter is available allowing one or two units to be mounted for independent or redundant fail-over operation.

Features

- Monitoring and control of NION® and next generation series of DSP processors, Peavey Commercial Audio networkable product line power amplifiers, audio interfaces including 3rd party network devices either locally and/or network distributed.
- Seamless integration within MediaMatrix® nWare™ software suite and supporting Web UI.
- Low profile, fan-less, energy efficient green design.
- Quad-Core 1.6 GHz Braswell Intel Celeron N3150 SoC.
- Dual Gigabit Ethernet ports.
- 64 GB mSATA SSD storage.
- 4 GB DDR3L 1866 Memory (RAM).
- Fully featured I/O compliment for video and data connectivity.
- Fault-tolerant redundancy featuring automatic fail-over configuration.
- Support for SNMP, RANC and Python protocols and custom coding.
- Port dust blocking kit for unused connections.
- DIN, VESA and wall-mountable.
- Optional 2RU rack mount adapter housing one or two sControl units.



CPU and MEMORY

Processor:	Intel Celeron N3150 (Braswell)
Processor speed:	1.6 GHz Quad-Core
Graphics / GPU:	Intel HD Graphics
Memory:	DDR3L SO-DIMM (non-ECC) 4 GB
Storage:	64 GB mSATA SSD

FRONT I/O

USB:	2 USB 2.0 Ports (Type A)
Power:	Power button

REAR I/O

USB:	4 USB 3.0 Ports (Type A)
Ethernet:	2 Gb LAN Ports
Video:	1 VGA Port, 1 HDMI Port
Audio:	2 1/8" Audio Jacks (Mic-in, Line-out) *

MECHANICAL

Wall Wart PS Input:	100-240VAC~1.0A, 50-60Hz @ 36W
Wall Wart PS Output:	12 VDC @ 3.0A
Dimensions:	W 7.7" (196mm) - D 8.4"(213mm) - H 1.45" (37mm)
Weight:	5 lb (2.2kg)
Operating Temp:	-5 to 55°C



Optional 2RU rackmount adaptor available separately.
SKU: 03619770

Architect's & Engineer's Specifications

The control processing system shall be a low profile industrial package designed for fixed installation in engineered media and communications. The unit shall include an architecture based on an Intel Celeron Quad-Core processor and be completely configurable via a Windows-based software utility, a web interface or directly, via a Windows interface client provided by the unit. The Windows-based software utility shall provide tools allowing integration with third party control systems. Support shall be included for standard Ethernet management, including, but not limited to SNMP, via the integrated, rear-panel LAN port. The control processing system shall include an embedded Windows operating system. The operating system shall reside on mSATA SSD storage media. Storage system shall include support for reading/writing data from the operating system and configuration software. The control processing system shall include USB ports for direct control and configuration. All data transports, including Ethernet, shall be available simultaneously. The control processing system shall be the MediaMatrix sControl™ or approved equivalent.