

Micro Server Level 1—MS1

The Micro Server Level 1 provides a cost effective, easy to use, solution for Data Monitoring and Data Transformation applications

Description:

MS1 provides a quick, simple and cost-effective way to add data transformation and data monitoring products for Network Management and Building Management Systems. The MS1 provides multiple application support for a maximum of 16 devices.

The MS1 supports devices over TCP/IP as well as the serial communication ports available on the unit. Devices connected over multiple ports are supported simultaneously. Multiple devices are also supported through daisy-chaining (multi-drop) at the serial ports. Users must adhere to protocol and electrical standards for proper operation. Converter kits are also available for 2 / 4-wire devices to USB when connecting to the MS1.

Assembly Overview

MS1



Mounting Bracket



Power Supply



Connectivity



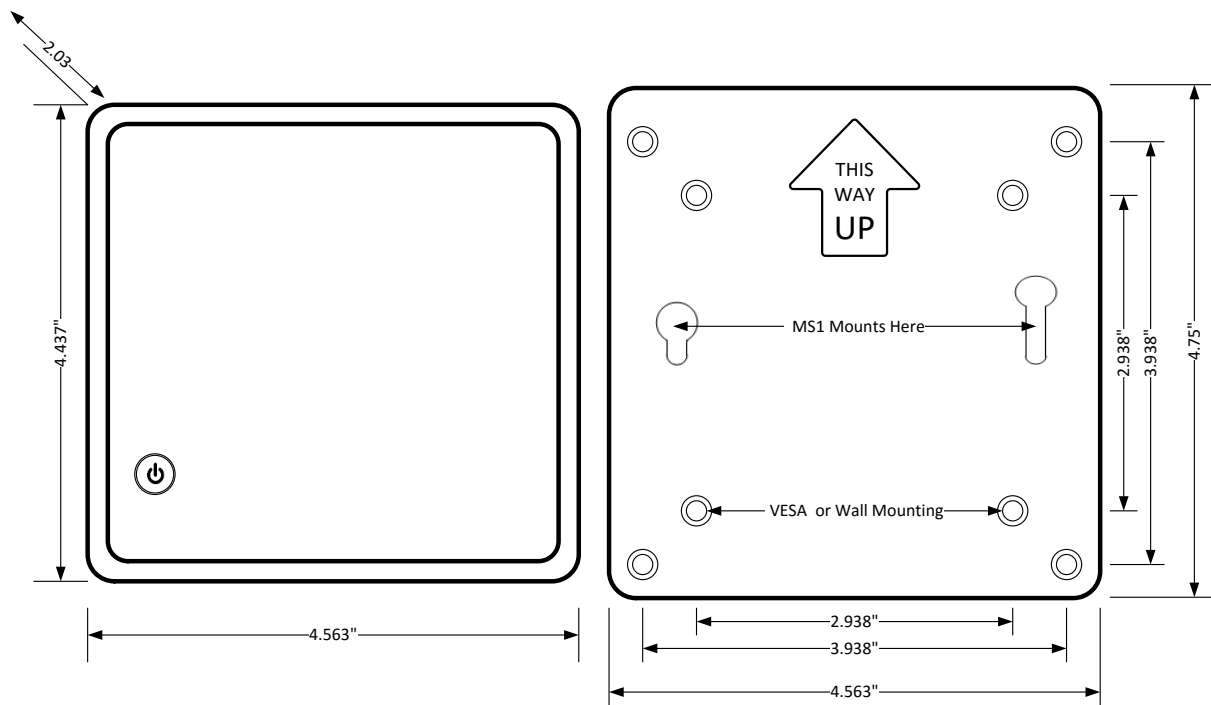
Features:

Intel Quad-Core Pentium processor
(1) DDR3 SO-DIMM socket 2-8GB
(1) SATA3 port for additional HDD/SSD
32GB eMMC soldered on-board
Intel Dual Band Wireless (optional)



Back Panel DC Power connector (12-19VDC)
(1) VGA Port , (1) HDMI Port
Gigabit LAN
(2) USB 3.0 ports rear
(2) USB 3.0 ports front

Dimensions



Assembly

Micro Server Level 1

Power Adapter / US Power Cord

Mounting Bracket

Quick Reference Guide

Features

Supports up to 16 connected devices standard (*Support for 64, 128 and 247 devices is also available, please call)

Provides serial and network connectivity

Provides 1 x 10/100/1000 Mbps Ethernet port for network capable devices. Support Simultaneous connection of differing protocols

Supports multiple IP addresses, HTTP, HTTPS

Low Power Design

100% Solid state device

Specification

Standard Color	Black
Construction	Plastic & Metal
Processor / Memory	Intel Pentium N3700 (2.40GHz, Quad Core), 2-8GB DDR3-1333 (2GB Standard)
System I/O	1 x 10/100/1000Mbps Ethernet , Intel Wireless AC-3165 Dual Band (optional) 4 x USB 3.0 (2x rear, 2x front) 1x HDMI, 1x VGA
Protection	Processor fan speed control, Voltage and Temperature sensing, Fan sensor inputs, ACPI-complaint power management control
Storage	Solid State Disk
System Indicator	HDD LED, Power LED
Power Supply	12- 19VDC (120VAC to 19VDC / 65W adapter supplied)
Operating Temperatures / Humidity	0C-50C / 10% - 90% non-condensing
Storage Temperature	-20C- +70C
Dimensions	4.5" (W) x 4.5" (D) x 2.5" (H)
Weight	~ 3 lb
Compliance Safety and EMC Class B	UL / IEC / EN 60950-1, CAN/CSA-C22.2 No. 60950-1, CISPR 22, FCC CFR Title 47 Ch.1 Part 15 Sub A/B, ICES-003, EN 55022, EN 55024, VCCI V-3 V-4, KN-22, KN-24, CNS 13438
Compliance Environmental	RoHS Directive 2011/65/EU, WEEE Directive 2002/96/EC, China RoHS MII Order #39

Ordering

MS1	Micro Server Level 1 with mounting plate and power supply (server only, no applications)



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Specification may change at anytime without notice.

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