

This guide provides information relating to site preparation, physical installation of the device, and configuration of the system to put it into production.

Package Contents

SuperLogics Embedded PC Model SL-EB-LLN100EM-S19-S4

Microbox PC

Dimension: 8.27"x7.60"x2.60"

Operating Temperature: 0°C to 60°C (32°F to 140°F)

Operating System: Ubuntu Linux

Wall Mounting Brackets

Mounting Hardware Screws

Din Rail Mounting Kit

Power Cord (115 VAC)

Power Adapter AC_90~240V / DC_12V/40W

2 x ADAP9-S01 adapters

1 male Phoenix contact plug

1 female Phoenix contact plug

Site Preparation

115VAC power

Ethernet connection with Internet access

Determine if automatic TCP/IP address assignment or a fixed IP address is desired

The default configuration is for automatic TCP/IP address assignment

If a DHCP reserved IP address is desired, coordinate with your IT organization

If a manually assigned fixed IP address is desired, inform S4 when ordering the system

Physical location in the same IP subnet as your BAS installation

Installation Process

Unpack the package and inventory all parts

Determine the mounting option and install necessary components

Do not install the WiFi Antennae (if included)

Mount the system in selected location (Orient the power connector on the top)

Note: If bench testing the system, place it on its back with the heat sink facing up

Connect Ethernet cable using only the indicated interface (image below)

Connect power adapter

All installer and end user interaction will be done through the on-board webserver

Construct and install Downstream and Upstream (Optional) N2 adapters

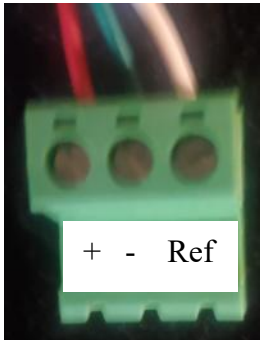
The N2+ conductor uses terminal 3.

The N2- conductor uses terminal 4.

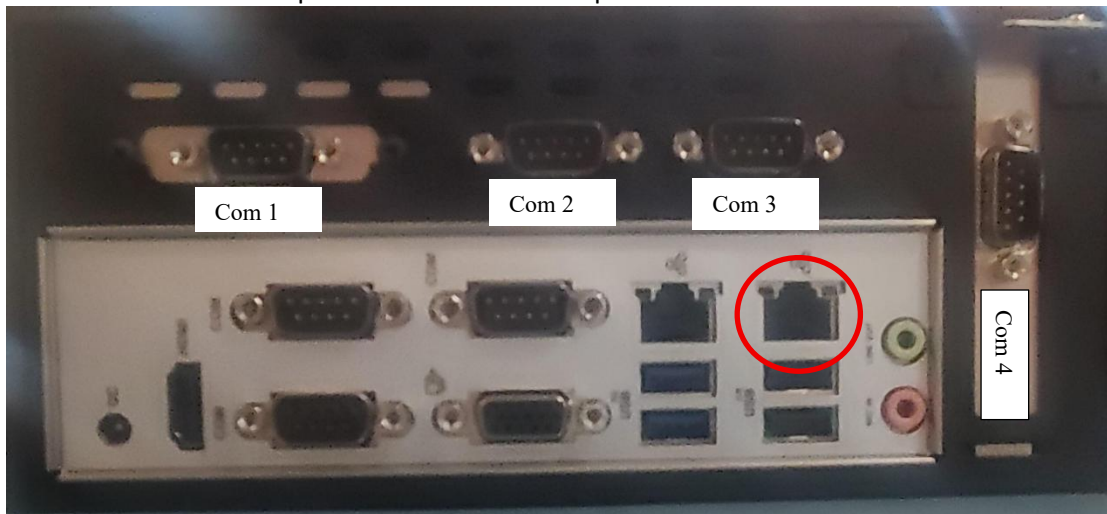
The Ref conductor uses terminal 5.

If termination is required, insert a 120-ohm resistor between terminals 3 and 4.

Install the appropriate Phoenix Contact connector on the opposite end of the cable depending on if you are building an Upstream or Downstream cable. Use the male connector for Upstream and female for downstream.



Mount the interface adapter to the desired COM ports.



Launch your browser using the IP address of the server or Hostname S4N2.local

Choose a strong username and password

The setup wizard will guide you through configuring your system, Field Configuration, N2, and BACnet options.

Installations with more than one BACnet N2 integration should create a unique host name as part of the configuration process.

On the Field Configuration tab, select the COM ports you wish to assign to Upstream and Downstream interfaces for each N2 bus you are utilizing.

Upon completion of the wizard, all N2 devices will be discovered.
Select which devices you want to be integrated, and the system will go into operation and selected devices will be published to BACnet.

As a final step, create a backup of the system configuration, export it, and save it in a safe location in case it is ever needed.