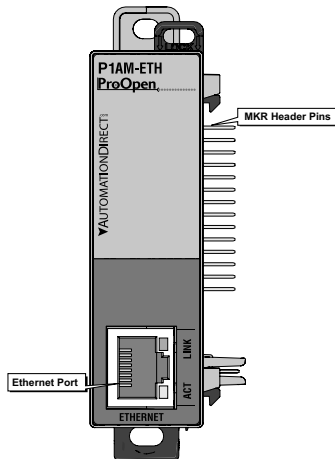


## P1AM-ETH Arduino® MKR Compatible Shield

The P1AM-ETH is a housed Arduino MKR form factor Ethernet Shield based on the Wiznet W5500 Ethernet Controller. It connects to the left side of the P1AM-100 CPU and most Arduino MKR form factor boards.



General Specifications	
<b>Operating Temperature</b>	0° to 60°C (32° to 140°F)
<b>Storage Temperature</b>	-20° to 70°C (-4° to 158°F)
<b>Humidity</b>	5 to 95% (non-condensing)
<b>Environmental Air</b>	No corrosive gases permitted
<b>Vibration</b>	IEC60068-2-6 (Test Fc)
<b>Shock</b>	IEC60068-2-27 (Test Ea)
<b>Heat Dissipation</b>	750mW
<b>Enclosure Type</b>	Open Equipment
<b>Power Budget</b>	150mA / 5V
<b>Recommended Library</b>	Arduino Ethernet (See back for details)
<b>Module Location</b>	Connects to the left side of the P1AM-100 CPU. P1-01AC/02AC can connect to the left side of the CPU.
<b>Weight</b>	20g (0.8 oz)
<b>Agency Approvals</b>	UL 61010-1 and UL 61010-2-201 File E139594, Canada & USA CE*

\*See CE Declaration of Conformance for details.



Link to GitHub

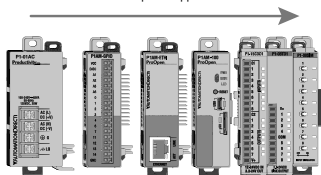


Link to additional resources

## Module Installation

**WARNING:** Do not add or remove modules with field power applied.

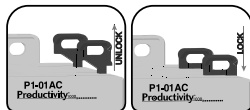
**Step One:** With latch in "locked" position, align connectors on the side of each module and stack by pressing together. Click indicates lock is engaged.



**Step Two:** Attach field wiring using the removable terminal block or ZIPLink wiring system.



**Step Three:** To unstack modules, pull locking latch up into the unlocked position and then pull modules apart.



**WARNING:** To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

**Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.**

**This device is not intended for personnel, product, or machine safety applications.**

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