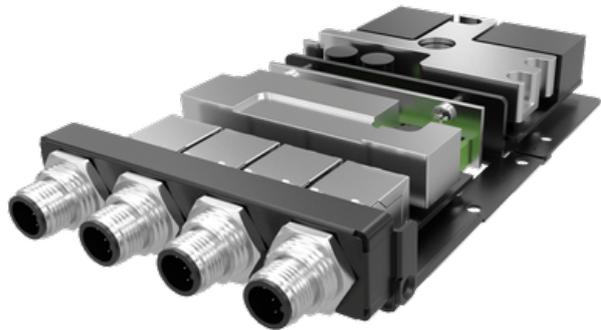PROPRIETARY MODULE

EBIO-4ETH-POE-M12

EDGEBoost I/O Module with 4x PoE M12 Ports

Features

EDGEBoost I/O module supporting 4x locking GbE M12 LAN ports for industrial environments that require ingress protection from dust, debris, shock and vibration. Optional Power over Ethernet support is also available through an additional add-on module

• 4x 1GbE PoE M12 Ports
• Support Power over Ethernet through optional PoE module (up to 25.5 watt per port)
• Intel® Ethernet Controller I350
• PCIe x1 Gold Fingers Interface (PCIe 3.0 x4 Performance)
• Complies with IEEE 802.3at
• Occupies 1x EDGEBoost Bracket
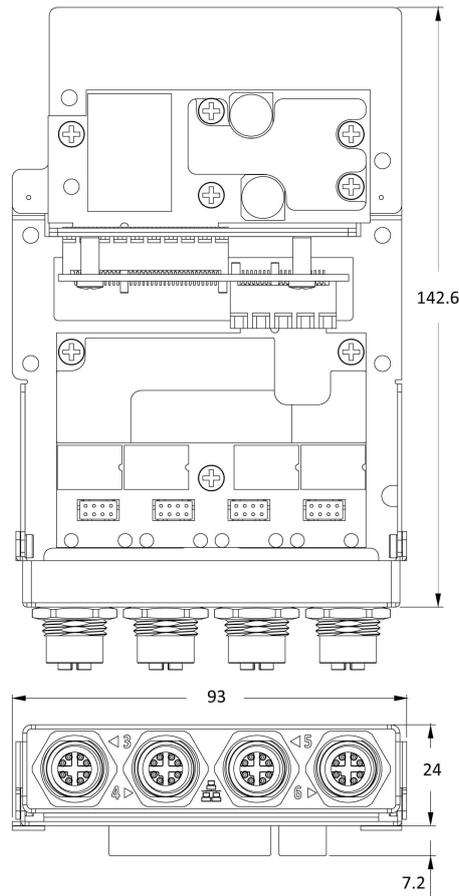
Specifications

LAN Chipset	Intel® Ethernet Controller I350
Interface	PCIe x1 gold finger (PCIe 3.0 x4 performance)
Additional I/O	4x M12 X-code 8-Pin, Female Ports
I/O Bracket	Occupies 1x EDGEBoost Bracket
Power Output	Up to 25.5 Watt per port
Special Features	Power-Over-Ethernet
Standards and Certifications	Complies with IEEE 802.3at UL, CE, FCC Class A

Compatible Products

• RCO-6000-RPL Industrial Computer W/ LGA 1700 For Intel 12/13th Gen CPU & R680E PCH

• RCO-6000-CML AI Edge Inference Computer with 10th Gen Intel® Core™ Processor

• ACO-6000-CML In-Vehicle Computer with 10th Gen Intel® Core™ Processor

• RCO-6000-CFL AI Edge Inference Computer with 9th Gen Intel® Core™ Processor

• RCO-3000-CML Small Form Factor Computer with 10th Gen Intel® Core™ Processor

• ACO-6000-KBL In-Vehicle Computer with 7th Gen Intel® Core™ Processor

• RCO-3000-RPL Small Form Factor Computer with LGA 1700 for 12/13/14th Gen Intel CPU & Q670E PCH, 2x LAN

Dimension (Unit: mm)

142.6

93

24

7.2

External I/O Mechanical Layout

PoE Power Module

PCIe x4 Slot (for PoE Power Module)

PCIe x1 Gold Fingers (PCIe 3.0 x4 performance)

i350

Internal ethernet connector to M12 port

M12 I/O Pinout Table

LAN 1−
LAN 1+
LAN 0−
LAN 0+
LAN 3+
LAN 3−
LAN 2+
LAN 2−

4x M12 X-code 8-Pin, Female Ports