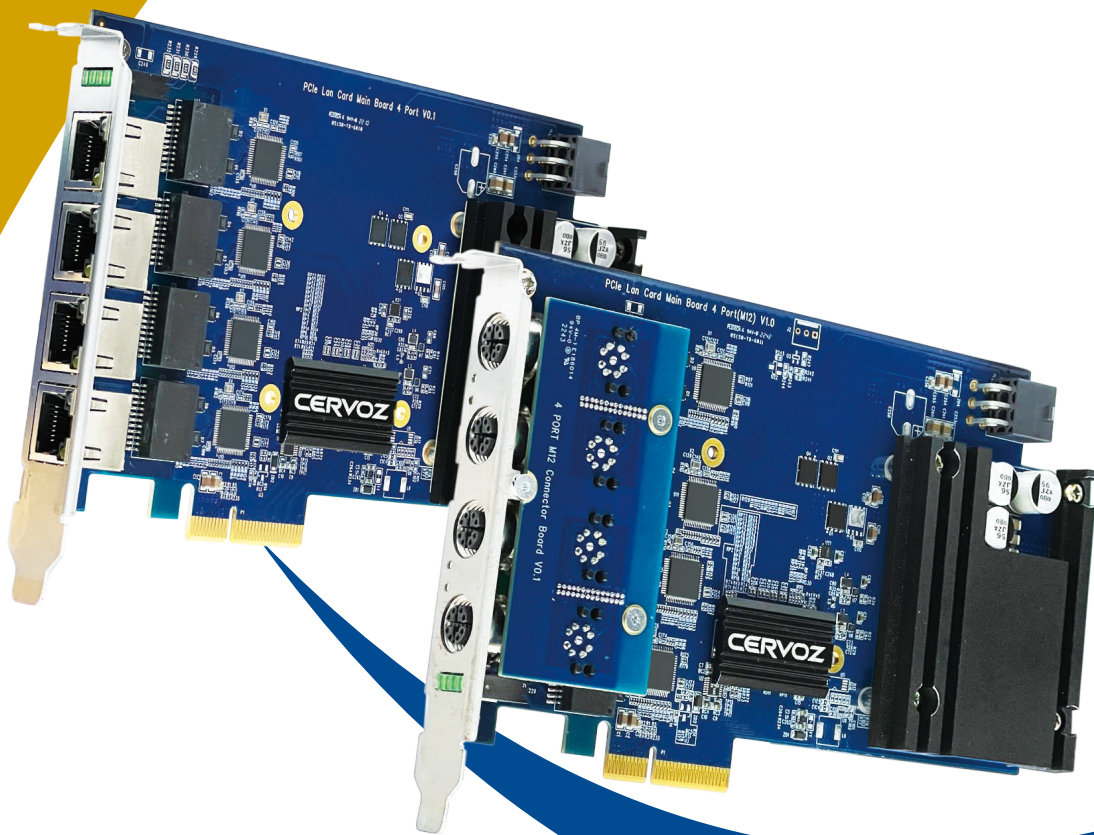# PoE+ ETHERNET CARD

Industrial Expansion Solutions

2/4-Port Ethernet PoE+
PCIe Expansion Cards with M12 X-code/RJ45 Connectors

The IoT and edge computing have been growing rapidly. A reliable Ethernet connection is crucial to the blooming IoT and edge computing success.

Cervoz Ethernet PCIe Expansion Solutions offer add-on PoE+ modules with RJ45 and M12 X-code connectors that can provide higher power consumption and wattage to fit various industrial applications, such as vision-related tasks in factory automation and surveillance.

Product Features

Power Over Ethernet
(Gigabit 802.3at PoE+ PCIe card)

PCI Express x4 Compliant
(PCI Express Gen 2.0 x4 interface)
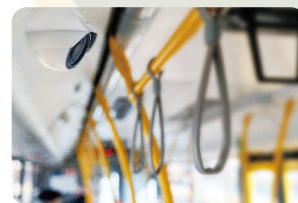
Connectors

M12
(X-code)

RJ45

Applications

Intelligent Surveillance

ITS

Industrial Automation

In-Vehicle Surveillance

PoE+ Ethernet Expansion Solutions

Model No.	MEC-LAN-P002/ P004	MEC-LAN-P012/ P014
Form Factor	PCIe Gen 2.0 x4	PCIe Gen 2.0 x4
Connector	**RJ45** x 2/4-Port	**M12 X-code** Waterproof Connector x 2/4-Port
PCI-Express Revision	PCI-Express Base Specification Rev. 2.0	PCI-Express Base Specification Rev. 2.0
Electromechanical Revision	PCI-Express Base Specification Rev. 2.0	PCI-Express Base Specification Rev. 2.0
Dimensions (WxL/ mm)	168.00 x 111.00	168.00 x 111.00
Controllers	Intel I210	Intel I210
Bus	Single-Lane (x1) PCI-Express with throughput up to 5.0/2.5Gbps	
Operation Temp.	0 ~ 70°C	0 ~ 70°C
Storage Temp.	-40°C ~ 125°C	-40°C ~ 125°C
Data Rate Per Port	1GbE	1GbE
PoE+ Module	Optional	Optional
Driver Support	Win 7, Win 8, Win 10	Win 7, Win 8, Win 10
Warranty	3 years	3 years

Product specifications are subject to change without prior notice.