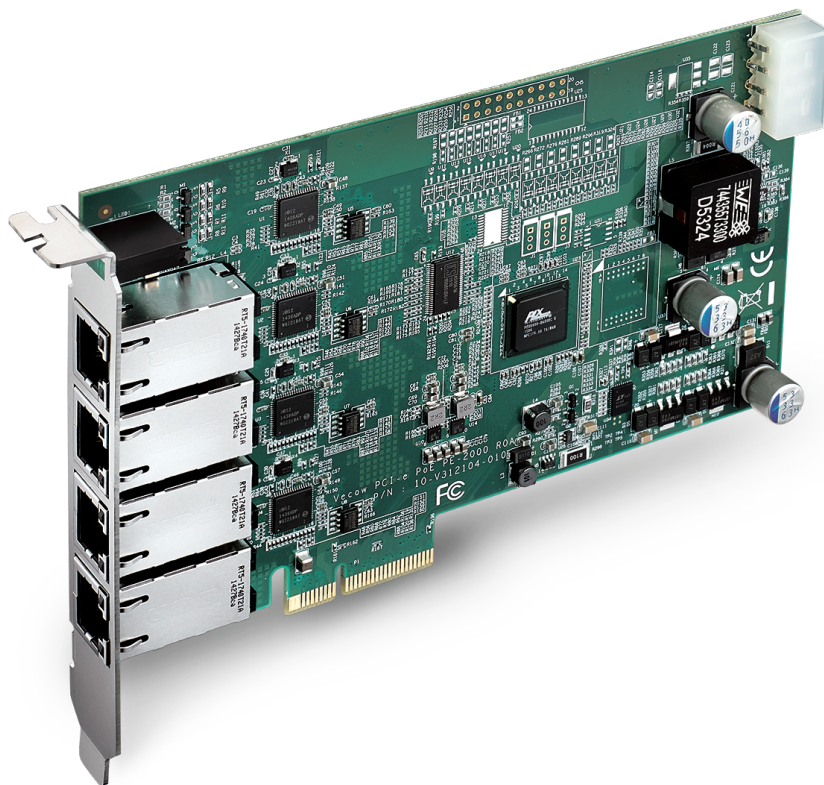


# PE-2000 Series

PCI Express x4, PoE+, 2-channel/ 4-channel Gigabit LAN, IEEE 802.3at Compliant  
Intel® I210 PCI Express PoE+ Expansion Card



- PCI Express x4 Interface
- Up to 4 Independent Intel® I210 Gigabit LAN
- IEEE 802.3at compliant for PoE+
- IEEE 1588 Precision Time Protocol (PTP)
- Up to 25.5W Power Output at 48V DC per port
- 9.5KB Jumbo Frame, Link Aggregation
- Teaming Functions
- -25°C to 70°C Operating Temperature
- 16 Isolated DIO : 8 DI, 8 DO (Optional)
- Software Programmable PoE Power Switch (Optional)



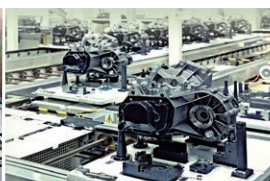
Intelligent  
Surveillance



Machine  
Vision



ITS (Intelligent  
Transportation System)



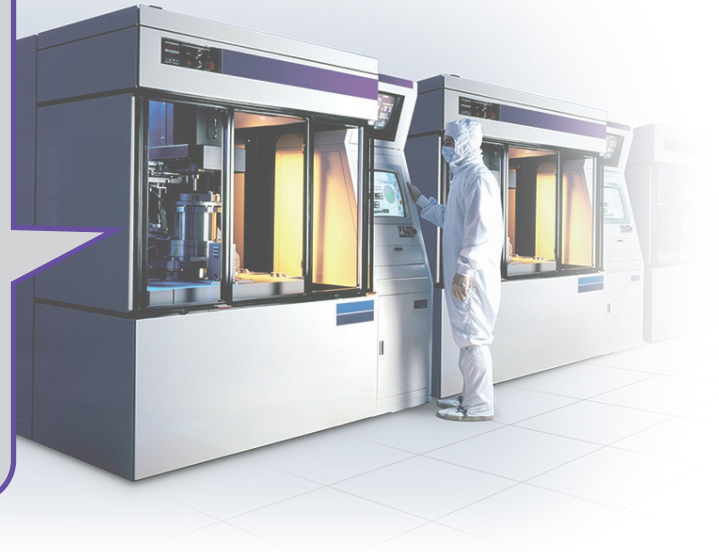
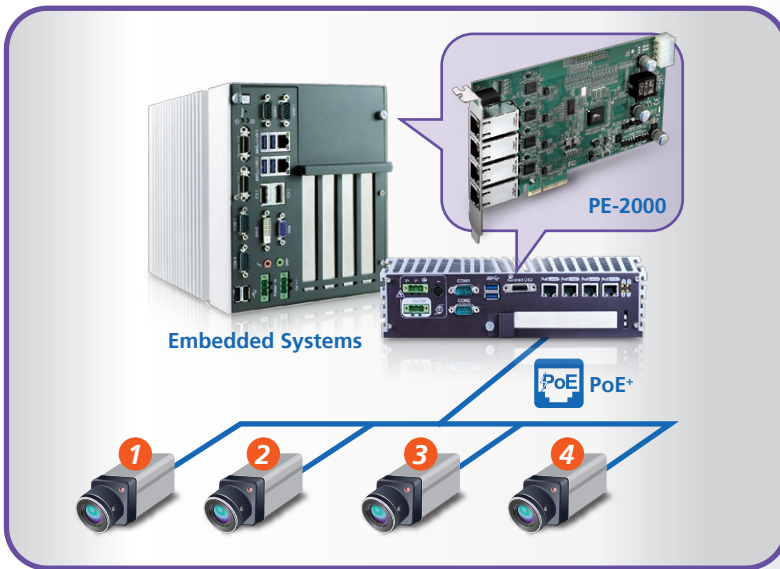
Industrial  
Automation



Logistic



# Applications



## Specifications

### Ethernet

<b>Interface</b>	PCI Express x4
<b>Controller</b>	<ul style="list-style-type: none"> <li>• 2 Intel® I210 Gigabit LAN (PE-2002)</li> <li>• 4 Intel® I210 Gigabit LAN (PE-2004)</li> </ul>
<b>Data Rate</b>	10/ 100/ 1000 Mbps (Vary by attached Ethernet device)
<b>Jumbo Frame</b>	9.5KB supported
<b>Link Aggregation (LAG)</b>	Present
<b>Connector</b>	8-pin RJ45
<b>PoE Standard</b>	IEEE 802.3at compliant

### Power Requirement

<b>Output</b>	<ul style="list-style-type: none"> <li>• 2 PoE ports, up to 25.5W Power Output at 48V DC per port (PE-2002)</li> <li>• 4 PoE ports, up to 25.5W Power Output at 48V DC per port (PE-2004)</li> </ul>
<b>Power Connector</b>	1 4-pin 12V Power Connector
<b>DIO</b>	16 Isolated DIO : 8 DI, 8 DO (Optional)

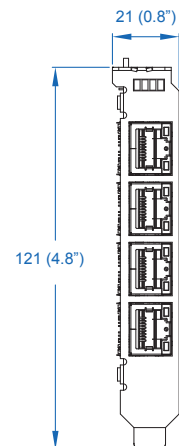
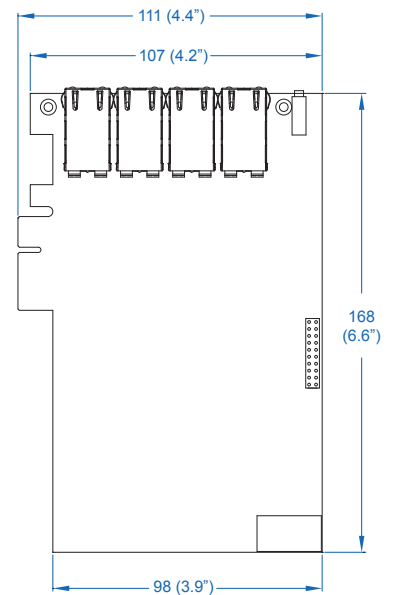
### Environment

<b>Operating Temperature</b>	-25°C to 70°C (-13°F to 158°F)
<b>Storage Temperature</b>	-40°C to 85°C (-40°F to 185°F)
<b>Certifications</b>	CE, FCC, RoHS compliant

### Mechanical

<b>Dimension (W x D x H)</b>	168mm x 121mm x 21mm (6.6" x 4.8" x 0.8")
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## Dimensions & Drawing



Unit: mm (inch)

## Order Information

<b>PE-2004</b>	• Intel® I210 4-CH PCI Express PoE+ Card
<b>PE-2002</b>	• Intel® I210 2-CH PCI Express PoE+ Card