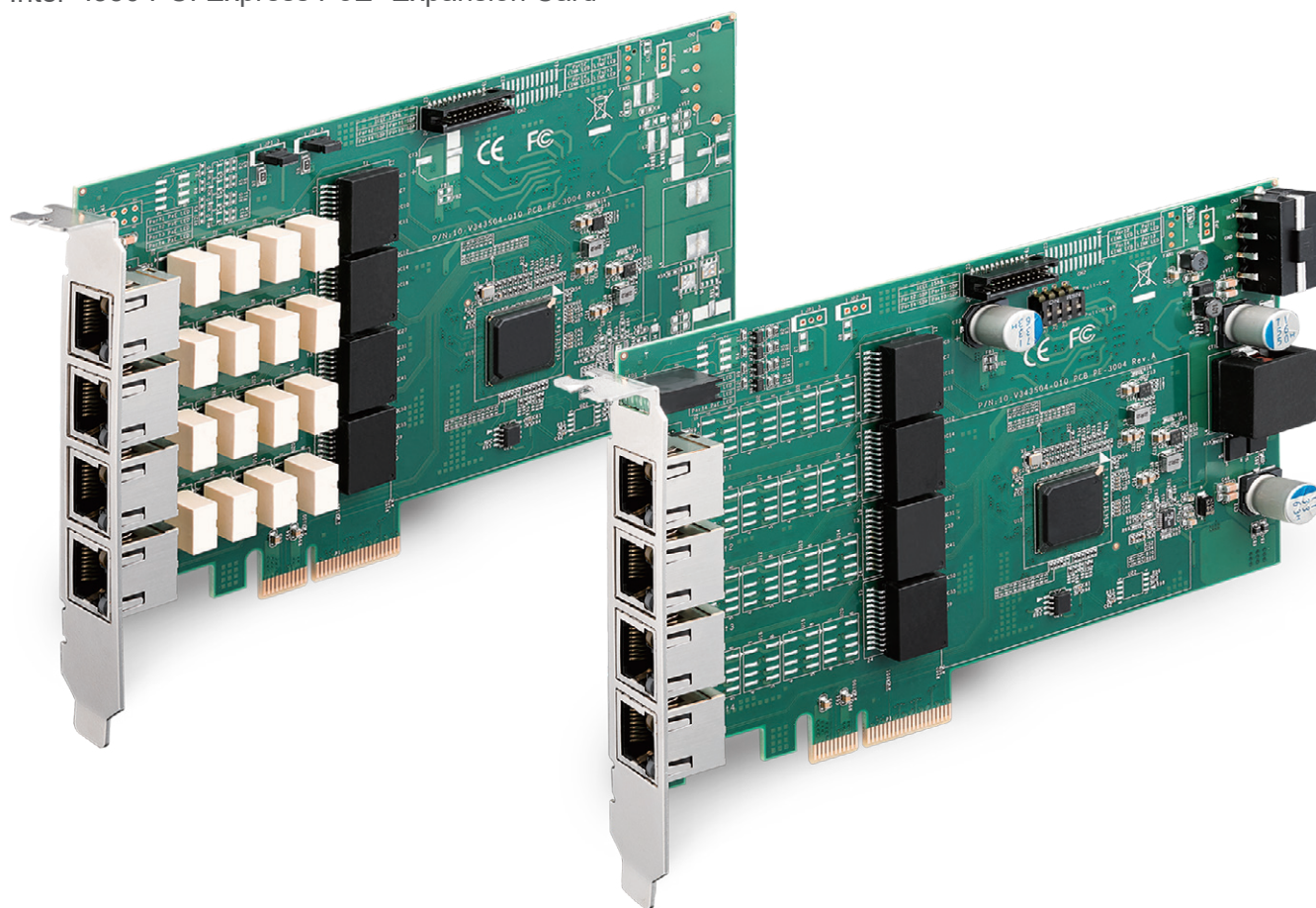


# PE-3000 Series

PCI Express x4, 4-port Gigabit LAN Bypass/IEEE 802.3at PoE+, -25°C to 70°C  
Intel® I350 PCI Express PoE+ Expansion Card



- Intel® Ethernet Server Adapter I350 supports 4-port Independent Gigabit Ethernet and performance enhancing LAN features
- IEEE 802.3az Energy Efficient Ethernet (EEE) & DMA Coalescing (DMAC) Power Management
- IEEE 1588 Precision Time Protocol (PTP) and IEEE 802.1AS implementation
- Up to 9.7K Jumbo Frame, Link Aggregation
- All-in-one, fully-integrated single-chip GigE switching solution with lower power consumption
- IEEE 802.3at Power over Ethernet (PoE+), up to 25.5W Power Output at 48V DC per port
- Supports dual hardware LAN Bypass mode
- 4-port Independent Gigabit Ethernet, optional supports rugged M12 connections
- -25°C to 70°C Operating Temperature



Intelligent  
Surveillance



Industrial  
Ethernet



ITS (Intelligent  
Transportation System)



Industrial  
Automation



Mobile  
DVR/NVR



## Applications



## Specifications

### Ethernet

|                        |                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------|
| Interface              | PCI Express x4                                                                               |
| Controller             | Intel® Ethernet Controller I350                                                              |
| Controller Qty         | 1                                                                                            |
| Data Rate              | 10/100/1000 Mbps                                                                             |
| Number of Port         | 4                                                                                            |
| Jumbo Frame            | Up to 9728 byte                                                                              |
| Link Aggregation (LAG) | Present                                                                                      |
| Connector              | <ul style="list-style-type: none"> <li>8-pin RJ45</li> <li>A-coded M12 (Optional)</li> </ul> |
| PoE Standard           | IEEE 802.3at compliant                                                                       |

### Power Requirement

|                 |                                                                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Output          | <ul style="list-style-type: none"> <li>4 RJ45 PoE Port</li> <li>4 A-coded M12 PoE Port (Optional)</li> <li>Up to 25.5W Power Output at 48V DC per port</li> </ul> |
| Power Connector | 1 4-pin 12V Power Connector                                                                                                                                       |

### Software Support

|    |                                           |
|----|-------------------------------------------|
| OS | Windows 10, Windows 8.1, Windows 7, Linux |
|----|-------------------------------------------|

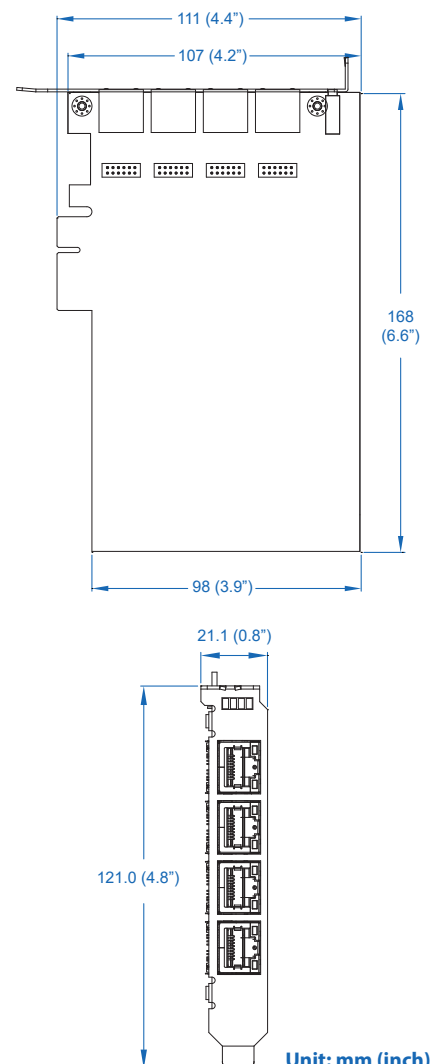
### Mechanical

|                    |                             |
|--------------------|-----------------------------|
| Dimensions (W x L) | 168mm x 121mm (6.6" x 4.8") |
| Bracket            | Full height                 |

### Environment

|                       |                                    |
|-----------------------|------------------------------------|
| Operating Temperature | -25°C to 70°C (-13°F to 158°F)     |
| Storage Temperature   | -40°C to 85°C (-40°F to 185°F)     |
| Humidity              | 5% to 95% Humidity, non-condensing |
| Relative Humidity     | 95% @ 70°C                         |
| EMC                   | CE, FCC                            |

## Dimensions & Drawing



## Order Information

|         |                                                                     |
|---------|---------------------------------------------------------------------|
| PE-3004 | • Intel® I350 4-CH PCI Express Card with PoE*                       |
| PE-3014 | • Intel® I350 4-CH PCI Express Card with advanced 2-pair LAN Bypass |