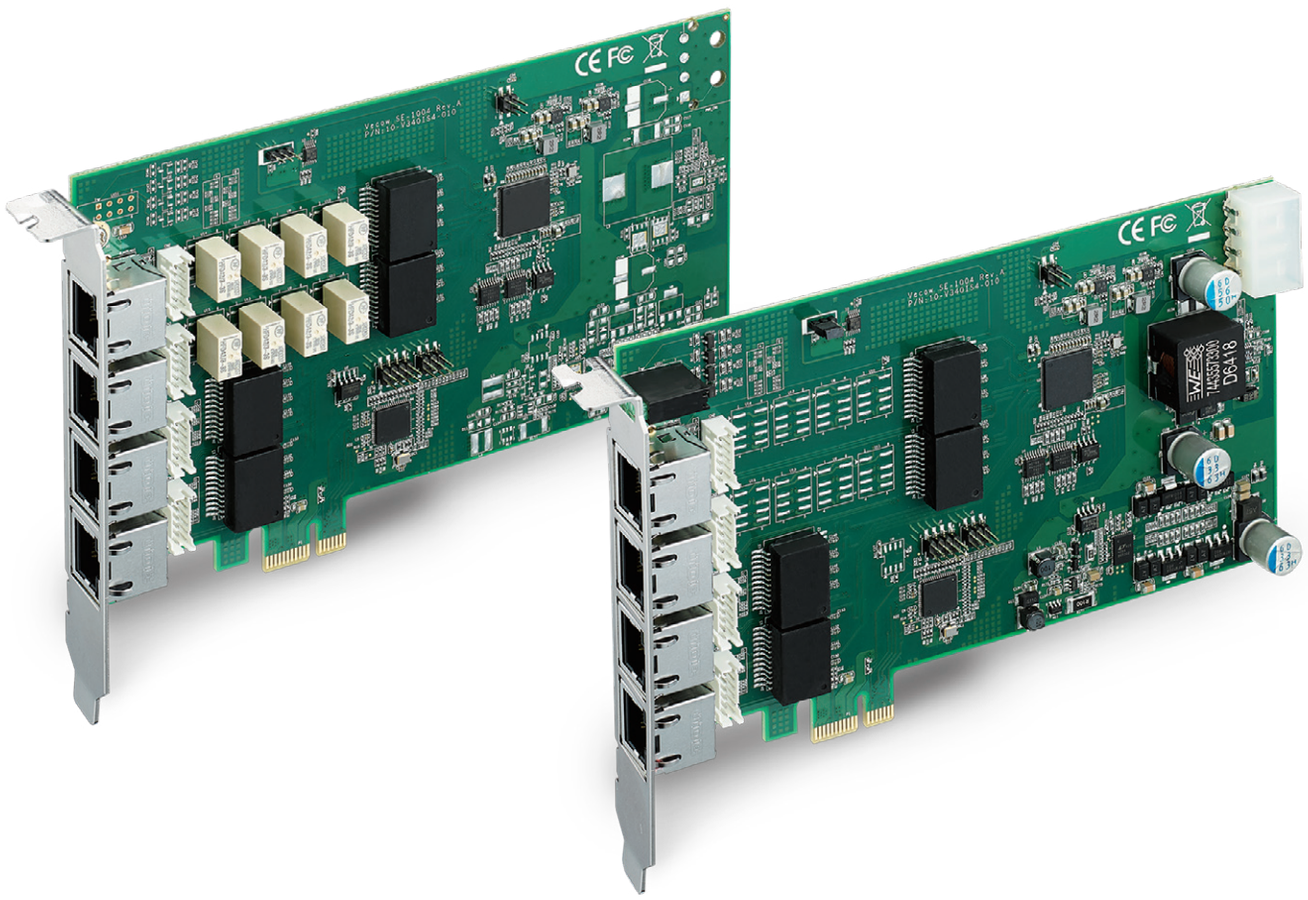
SE-1000 Series

PCI Express x1, 4-port Gigabit LAN Bypass/IEEE 802.3at PoE+, -40°C to 85°C
Intel® I210 PCI Express LAN Switch/PoE+ Expansion Card



- Intel® Ethernet Controller I210 supports full-featured LAN functions, up to 1000Mbps data rate
- IEEE 802.3at Power over Ethernet (PoE+) compliant
- IEEE 1588 Precision Time Protocal (PTP) & IEEE 802.1AS Precision Time Synchronization compliant
- Up to 9728 bytes Jumbo Frame
- All-in-one, fully-integrated single-chip GigE switching solution with lower power consumption
- Supports hardware LAN Bypass mode
- IEEE 802.3az Energy Efficient Ethernet (EEE) compliant
- IEEE 802.1Qav traffic shaper compliant
- Industrial-grade, -40°C to 85°C Operating Temperature

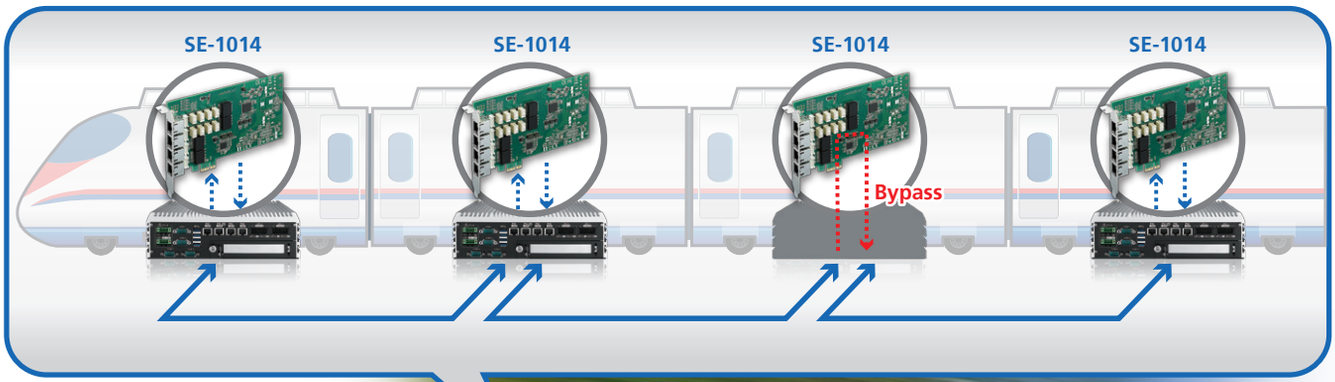


Intelligent Surveillance	In-vehicle Management	ITS (Intelligent Transportation System)	Industrial Ethernet	Mobile DVR/NVR

BYPASS PoE -40° 85° CE FC RoHS

Vecow

Applications





Specifications

Ethernet

Interface	PCI Express x1
Controller	Intel® Ethernet Controller I210
Controller Qty	1
Data Rate	10/100/1000 Mbps
Number of Port	4
Jump Frame	Up to 9728 supported
Connector	8-pin RJ45
PoE Standard	IEEE 802.3at compliant

Power Requirement

Output	• 4 RJ45 PoE Port • Up to 25.5W Power Output at 48V DC per port
Power Connector	1 4-pin 12V Power Connector

Software Support

OS Support	Windows 10, Windows 8.1, Windows 7, Linux

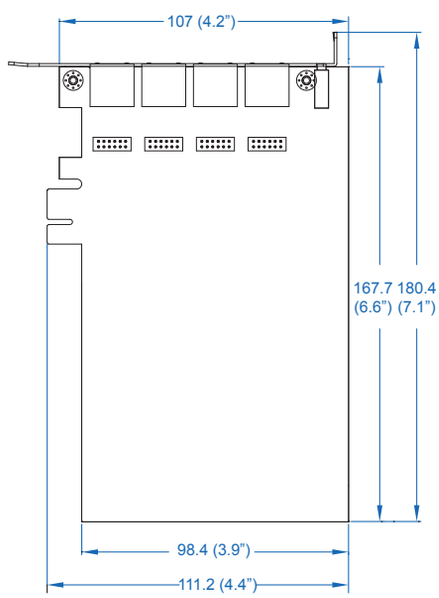
Mechanical

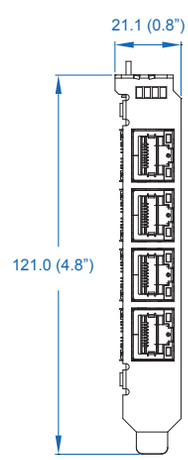
Dimensions (W x L)	168mm x 121mm (6.6" x 4.8")
Bracket	Full height

Environment

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

Dimensions & Drawing





Unit: mm (inch)

Order Information

SE-1004	• 4-port RJ45 PCI Express LAN Switch Card with PoE+
SE-1014	• 4-port RJ45 PCI Express LAN Switch Card with advanced LAN Bypass

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SE-1000-20180209

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