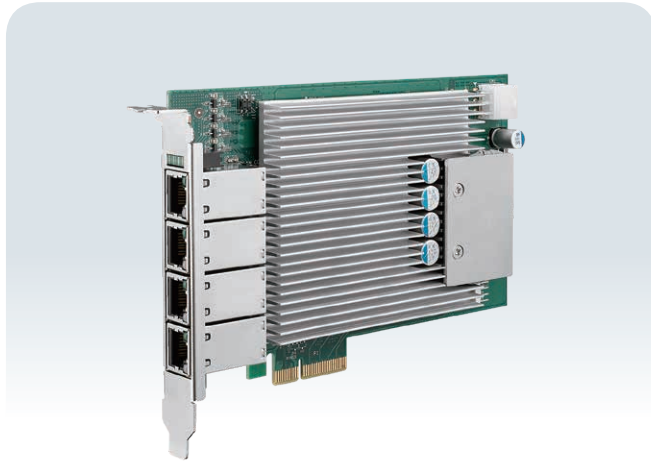Vecow

PE-6004H

Intel® I226-IT 4 ports GigE IEEE 802.3bt High Power PoE++ PCI Express Expansion Card, -25°C to 65°C

Features

- IEEE 802.3bt PoE++ PSE compliant, up to 90W per port
- Total PoE power budget up to 200W across 4 ports
- 4x 2.5GBASE-T ports with Intel® I226-IT controller
- Supports 2.5G / 1G / 100M / 10M link speeds
- x4, Gen2 PCI Express interface
- Standard RJ-45 connectors
- -25°C to 65°C operating temperature
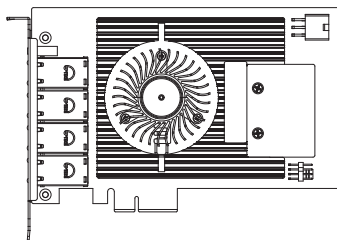- Per-port PoE⁺ power on/ off control by software API, supports IEEE 1588

Specifications

Ethernet	
Bus Interface	x4, Gen2 PCI Express
LAN Controller	Intel® Ethernet Controller I226-IT
LAN Controller Qty	4
Data Rate	2.5 Gbps/1 Gbps/100Mbps /10 Mbps
Number of Port	4
Ethernet Connector	RJ-45 connectors
PoE Standard	▪ In compliant with IEEE 802.3bt PoE++ Type 3 and Type 4 PSE, maximal 90W output on a single PoE++ port ▪ Compatible with 802.3at (PoE⁺) and 802.3af (PoE) PD

Power Requirement	
Input	Maximum 12V from on-board 6-pin ATX Power Connector

Software Support	
OS	Windows 10/11, Linux

Mechanical	
Dimensions	167mm x 111mm (6.6" x 4.37")
Bracket	Full height

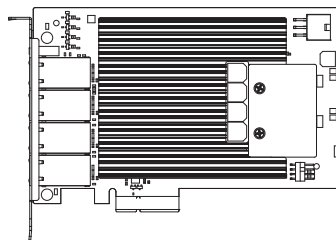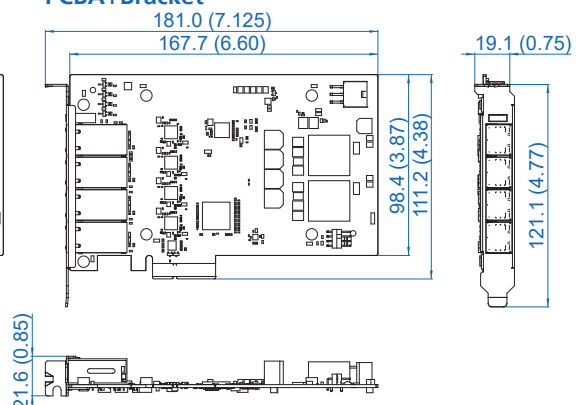| Environment	
Operating Temperature	PE-6004H : -25°C to 55°C (-13°F to 131°F) PE-6004HF : -25°C to 65°C (-13°F to 149°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Humidity	5% to 95% Humidity, non-condensing
Relative Humidity	95% @65°C
EMC	CE, FCC

Dimensions

Unit : mm/ inch

FAN Sink

Heat Sink

PCBA+Bracket

181.0 (7.125)
167.7 (6.60)
98.4 (3.87)
111.2 (4.38)
21.6 (0.85)
19.1 (0.75)
121.1 (4.77)

Order Information

PE-6004H	4-Port 2.5GbE 802.3bt PoE++ PCIe Card with Intel® I226IT, up to 140W Total PoE, Heatsink, -25°C to 55°C
PE-6004HF	4-Port 2.5GbE 802.3bt PoE++ PCIe Card with Intel® I226IT, up to 200W Total PoE, Fansink, -25°C to 65°C

Recommended Accessories

61-1400003-0G5	ATX 8-pin to 6-pin cable for RCX Series
61-1300020-100	ATX 6-pin to 6-pin cable for ECX Series

Vecow

info@vecow.com