

PCI Express Power over Ethernet card, 4-port 1000 Base(T),  
802.3at/af compliant, low profile, RoHS

# GPOE-4P

## Quick Installation Guide

Version 1.0

Aug 29, 2018.

### Package List

GPOE-4P package includes the following items:

- 1 x GPOE-4P card
- 1 x QIG (Quick Installation Guide)



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## Specifications

- Interface: PCI Express® x1
- Ethernet:
  - Intel® I211AT controller
  - 9kB jumbo frame
  - IEEE 802.3az, IEEE1588
- PWR input:
  - 12~24V DC input
  - 1 x Internal DC input (1x4 pin)
  - 1 x Internal DC input (2x3 pin)
  - \*\*Caution! Choose one input only at a time
- PoE Capability:
  - Standard mode: IEEE 802.3af with 15.4W / 52V per port
  - Dual port mode: IEEE 802.3at with 30W / 52V per port
- Operating Temperature: 0°C ~ 60°C
- Storage Temperature: -10°C ~ 70°C
- Operation Humidity: 5% ~ 95%, non-condensing
- Dimensions: 160 mm x 65 mm
- Weight: 110g
- CE/FCC compliant

## Ordering Information

- **GPOE-4P-R10:**

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- **32102-045800-100-RS:**

WIRE cable, power cable, 2, 300MM, 20AWG, (A) DC JACK  
5.5\*2.1+NUT+WASHER (Smcts:655-353),

(B) TKP: H6657R1-06-B-03 P=4.2, Polywell, RoHS

## Jumpers setting and connectors

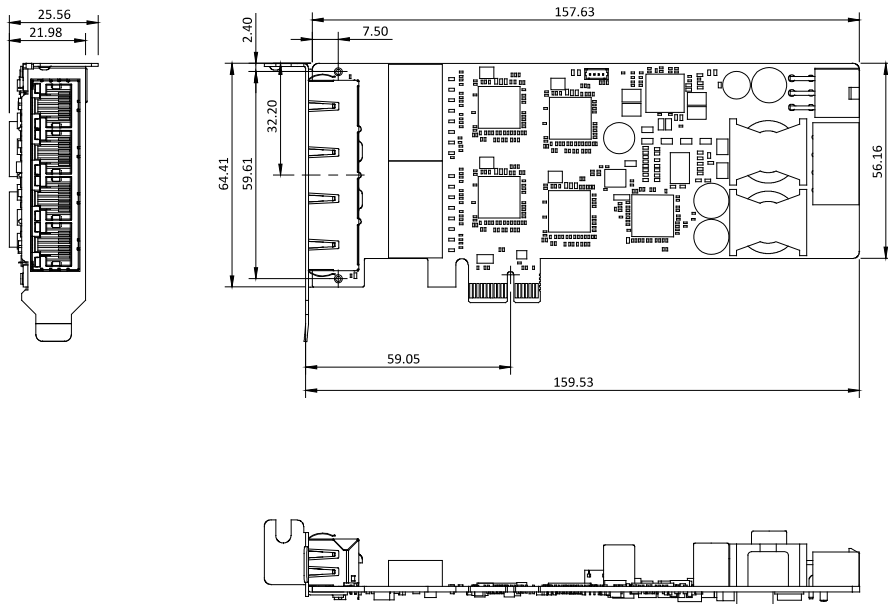
LABEL	FUNCTION
CN1	2 X 3 Power In Connector
J2	1 X 4 Power In Connector
PLAN1	1 X 4 RJ45 Connector

CN1: 2 X 3 Power In Connector			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	Power in	4	GND
2	Power in	5	GND
3	Power in	6	GND

J2: 1 X 4 Power In Connector			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	Power in	2	GND
3	GND	4	NC

PLAN1: 1 X 4 RJ45 Connector			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	P0	2	N0
3	P1	4	P2
5	N2	6	N1
7	P3	8	N3

# Board Layout: Jumper and Connector Locations



(Unit: mm)