

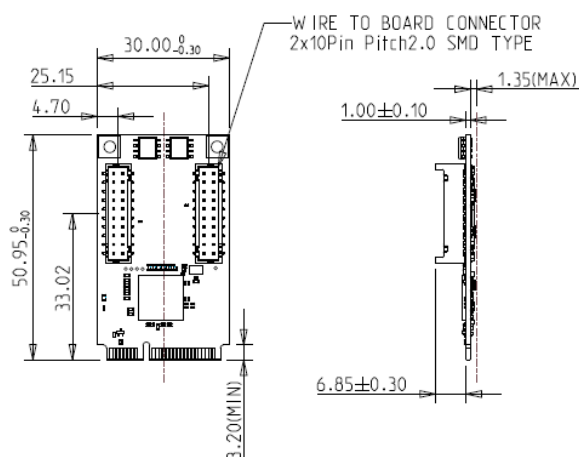
EMPL-G2P4

mPCIe to dual PoE+ module

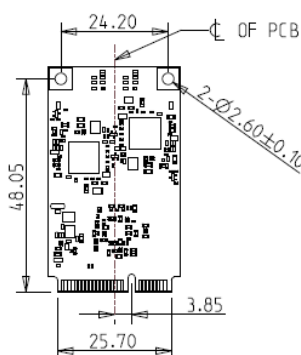
Features

- Supports dual GbE LAN ports
- Two independent PSE channels
- Supports 19V~24V power input via 4pin header
- Complies with IEEE 802.3at, up to 30W at 52V per PoE port
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Optional terminal mounting hole or bracket for daughter board
- Optional Industrial Temperature (-40°C to +85°C) support
- 30μ " golden finger, 3-year warranty
- Industrial design, manufactured in innodisk Taiwan

Mechanical Drawing



4pin header power input pin define			
1	2	3	4
NC	GND	GND	19V-24V



TOLERANCE: $\pm$ 0.30mm
UNIT: mm

Specifications

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prior notice.

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Form-Factor	mPCIe
Input I/F	PCI Express 2.1 x 1
Output I/F	PoE+ x 2
Output Connector	RJ45 x 2
Power Consumption	LAN: MAX: 2.854W (3.3V, 865mA) PoE: MAX: 60W
Dimension (WxLxH)	Main Board: 30 x 50.9 x 9.2 mm Daughter Board: 72.7 x 56.3 x 22.07 mm
Temperature	Operation: STD: 0°C ~ +70°C. W/T: -40°C ~ +85°C Storage: -55°C ~ +95°C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	Please download driver from Intel official website. Windows: 10 (64bit), Linux (igc): kernel 5.x version
Limitations	*Linux kernel rebuild is needed (modify igc driver) if version < 5.15 *Not recommend used in VMware ESXi due to High Latency *Not support Intel vPro

Order information

EMPL-G2P4-C1 (Mounting hole, 4pin header, Standard Temp.)

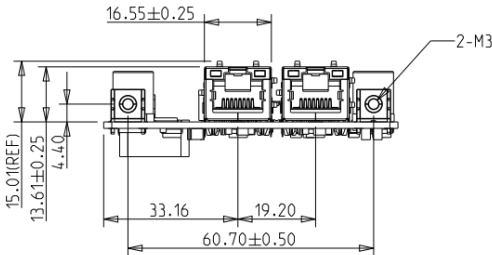
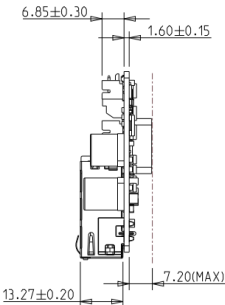
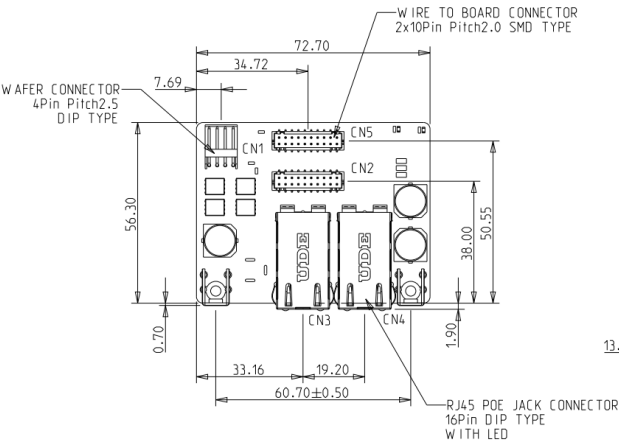
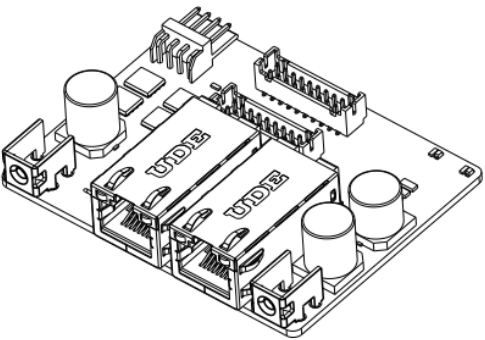
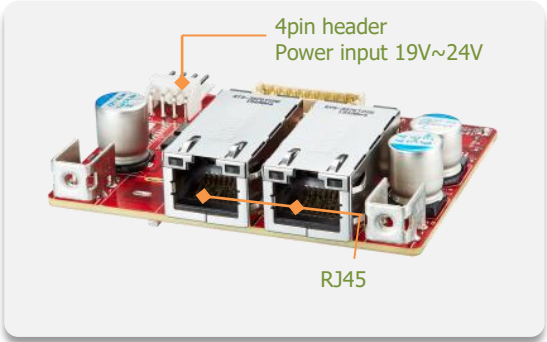
EMPL-G2P4-W1 (Mounting hole, 4pin header, Wide Temp.)

EMPL-G2P4-C2 (Bracket, 4pin header, Standard Temp.)

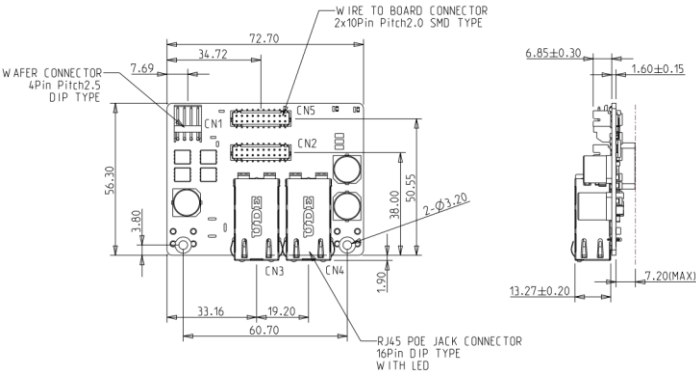
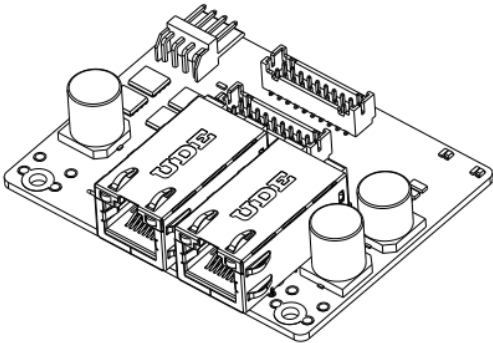
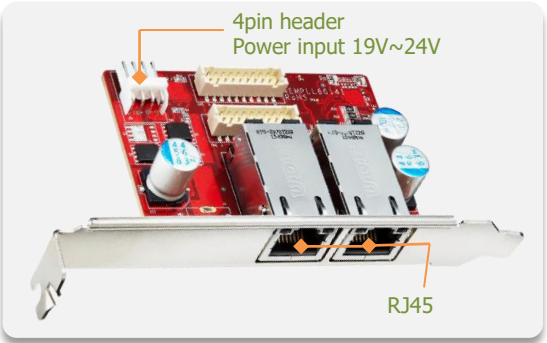
EMPL-G2P4-W2 (Bracket, 4pin header, Wide Temp.) www.innodisk.com

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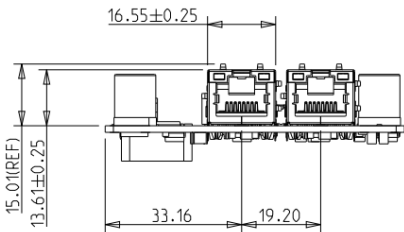
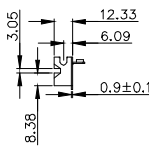
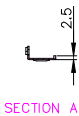
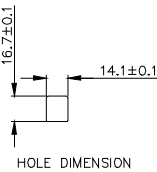
EMPL-G2P4-C1/W1 Daughter Board and Mechanical Drawing



EMPL-G2P4-C2/W2 Daughter Board and Mechanical Drawing



Bracket



TOLERANCE: ±0.20mm

