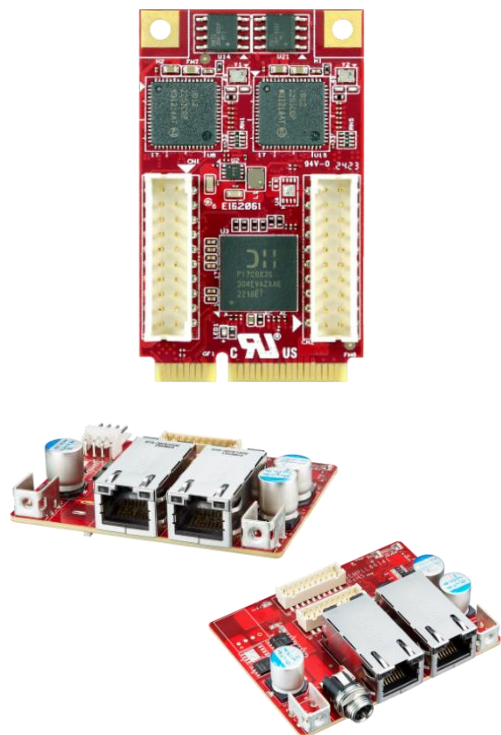




EMPL-G2P1

mPCIe to Dual PoE+ Module

HIGHLIGHT FEATURES

- Two independent PSE channels
- Complies with IEEE 802.3af, up to 15.4W at 48V per PoE port
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Optional terminal mounting hole or bracket for daughter board
- Optional for 4-pin header or DC Jack power input
- Supports 12V to 24V power input via 4-pin header
- Supports industrial temperature from -40°C to 85°C

SPECIFICATIONS

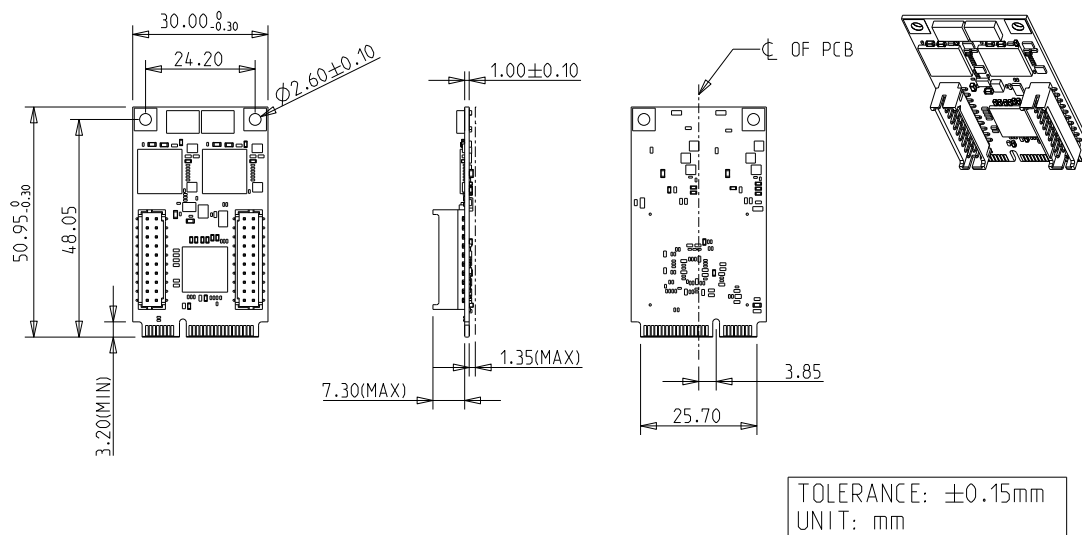
Model Name	EMPL-G2P1
Module Type	mPCIe to Dual PoE Module
Form Factor	mPCIe
Function	PoE
Input I/F	PCI Express 2.1 x1
Output I/F	PoE
Output Port	2
Output Connector	RJ45
Max. Power Consumption	30W
Dimension (W x L x H/mm)	Main Board : 30 x 50.9 x 9.2 Daughter Board : 58.2 x 72.7 x 23.8
Temperature	Operation : S/T 0° ~ 70°C ; W/T -40°C ~ 85°C (Ta) Storage : -55°C ~ 95°C (Ta)
Vibration	5G@[7~2000Hz]
Shock	50G@0.5ms
OS Support	Windows : XP (32bit), 7 (32 / 64bit), 8 / 8.1 (32 / 64 bit), 10 (32 / 64bit), and above version Linux : Kernel 2.4 series, 2.6.x and 3.x version
Warranty	3 Years
Notes	• Please download driver from Intel official website. • EMPL-G2P1 series does not recommend used in VMware ESXi due to High Latency.

ORDER INFO.

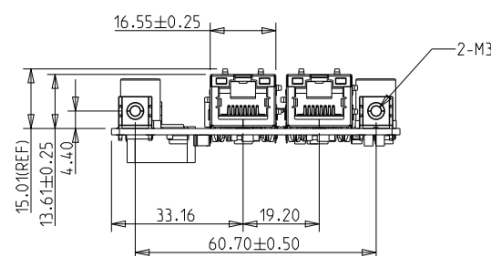
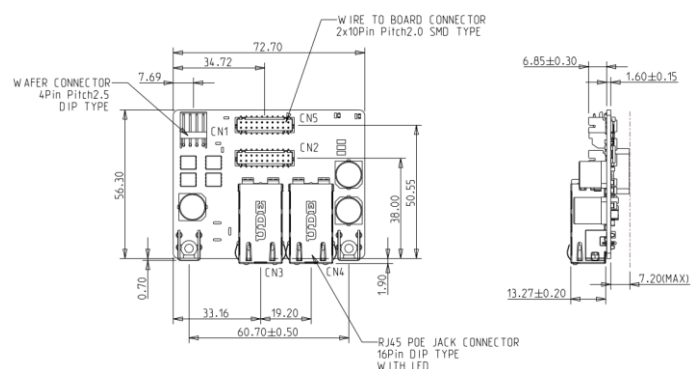
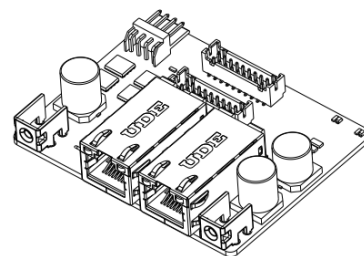
P/N	Description
EMPL-G2P1-C5	mPCIe to Dual PoE Module, Mounting Hole, 4-pin Header / Standard Temperature
EMPL-G2P1-W5	mPCIe to Dual PoE Module, Mounting Hole, 4-pin Header / Wide Temperature
EMPL-G2P1-C6	mPCIe to Dual PoE Module, Bracket, 4-pin Header / Standard Temperature
EMPL-G2P1-W6	mPCIe to Dual PoE Module, Bracket, 4-pin Header / Wide Temperature
EMPL-G2P1-C7	mPCIe to Dual PoE Module, Mounting Hole, DC Jack / Standard Temperature
EMPL-G2P1-W7	mPCIe to Dual PoE Module, Mounting Hole, DC Jack / Wide Temperature
EMPL-G2P1-C8	mPCIe to Dual PoE Module, Bracket, DC Jack / Standard Temperature
EMPL-G2P1-W8	mPCIe to Dual PoE Module, Bracket, DC Jack / Wide Temperature

MECHANICAL DRAWING

Main Board

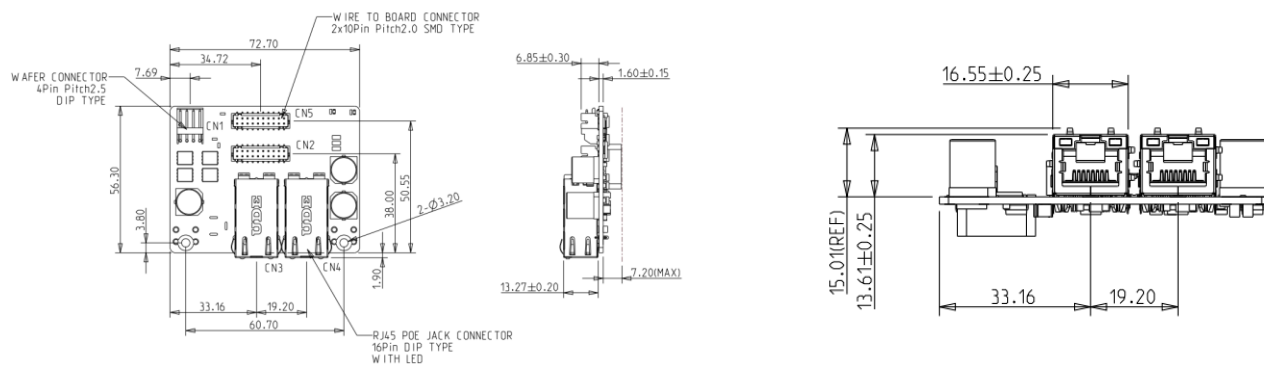
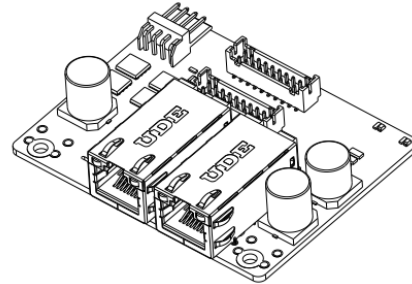
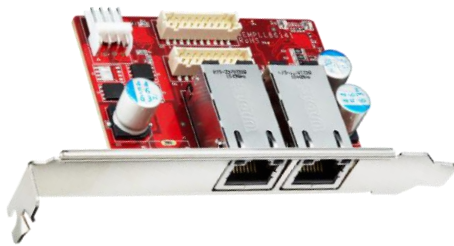


EMPL-G2P1-C5 / W5 Daughter Board and Mechanical Drawing

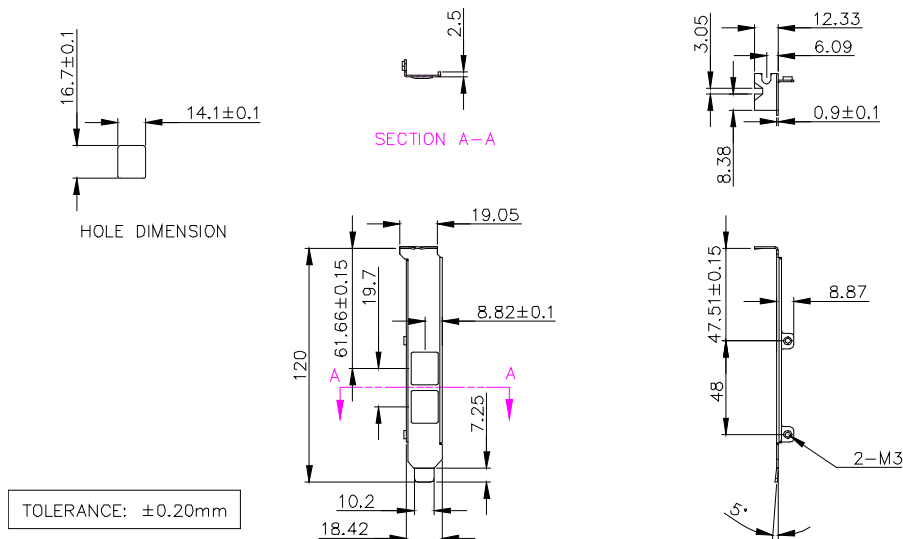


MECHANICAL DRAWING

EMPL-G2P1-C6 / W6 Daughter Board and Mechanical Drawing



Bracket



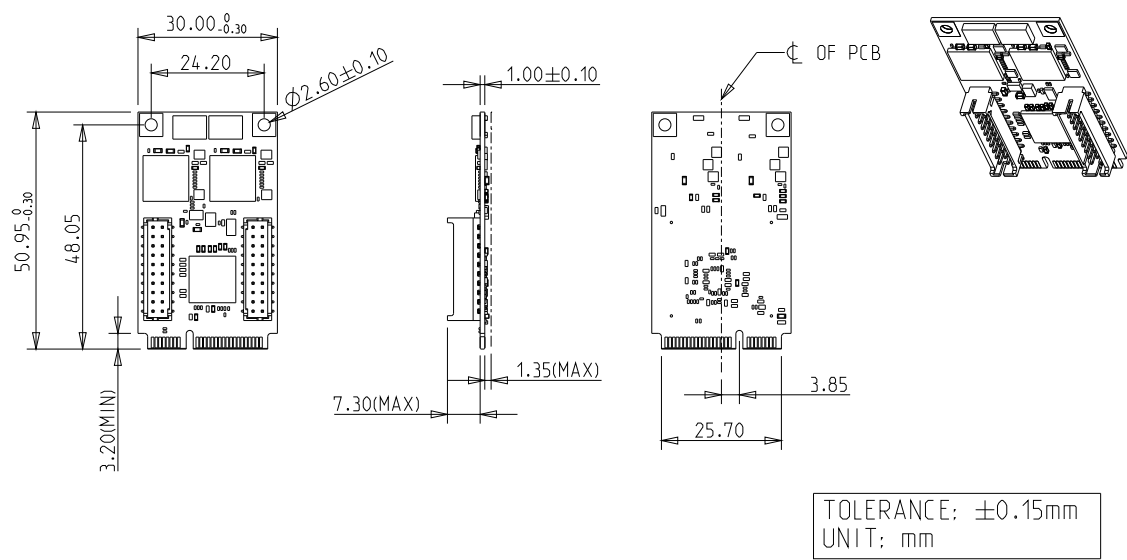
PIN DEFINE

CAN Connector Pin Define

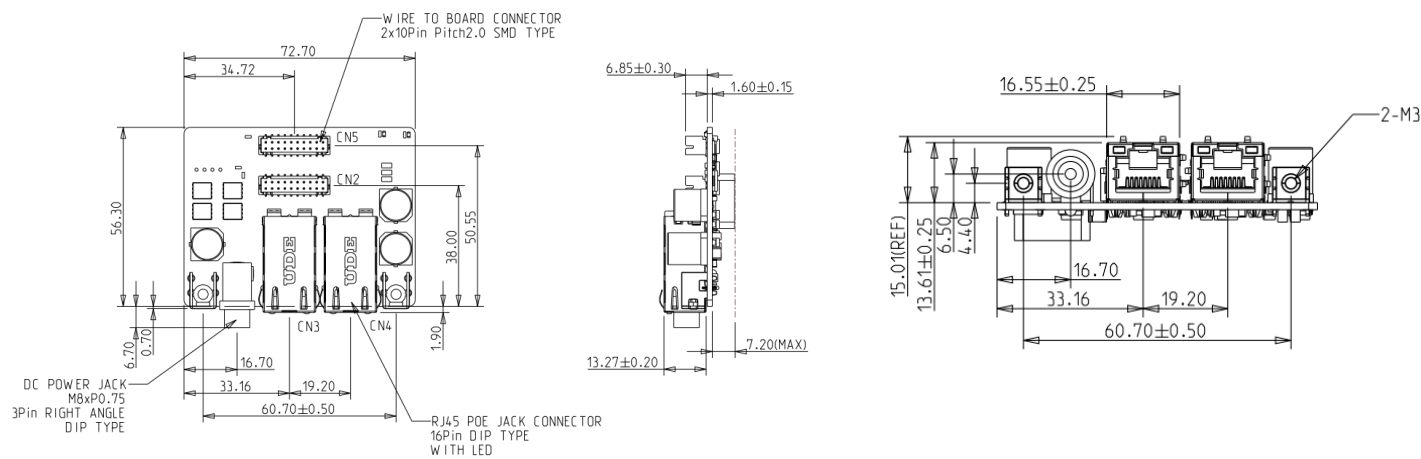
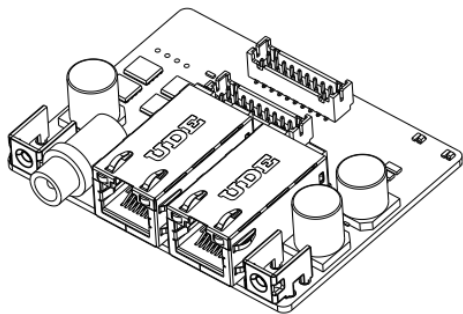
1	NC
2	GND
3	GND
4	12 ~ 24V

MECHANICAL DRAWING

Main Board

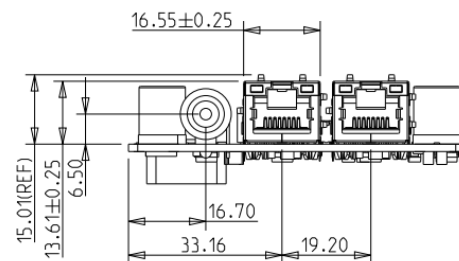
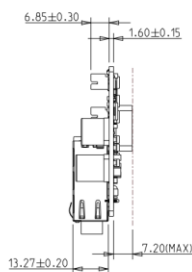
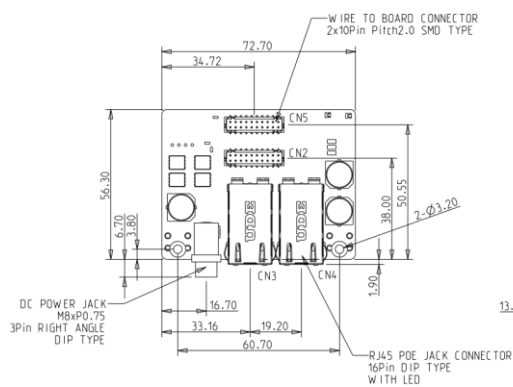
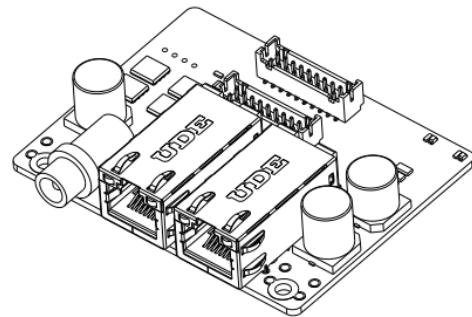


EMPL-G2P1-C7 / W7 Daughter Board and Mechanical Drawing

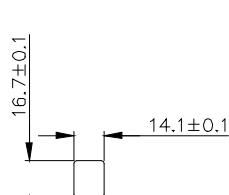


MECHANICAL DRAWING

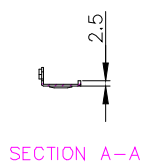
EMPL-G2P1-C8 / W8 Daughter Board and Mechanical Drawing



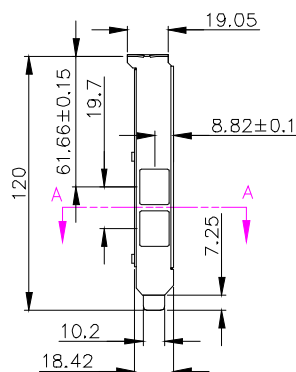
Bracket



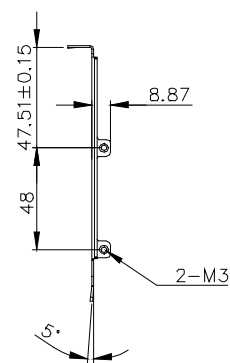
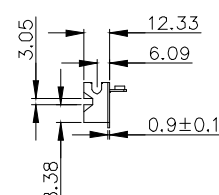
HOLE DIMENSION



SECTION A-A



TOLERANCE: ±0.20mm



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