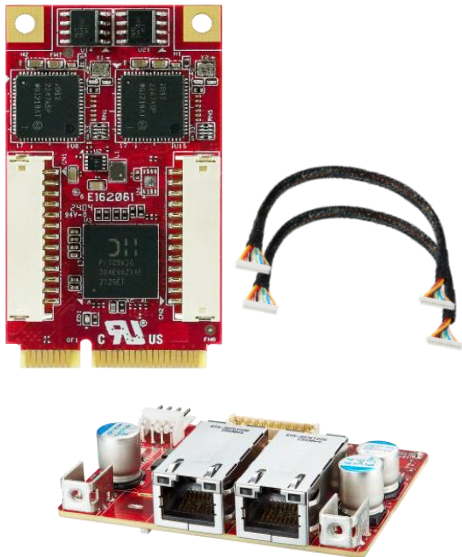


EMPL-G2P2

mPCIe to Dual PoE+ Module



HIGHLIGHT FEATURES

- Intel i210 controller
- Two independent PSE channels
- Complies with IEEE 802.3at, up to 25.5W at 52V per PoE port
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Supports 19V to 24V ($\pm 5\%$) power input via 4-pin header
- Supports industrial temperature from -40°C to 85°C

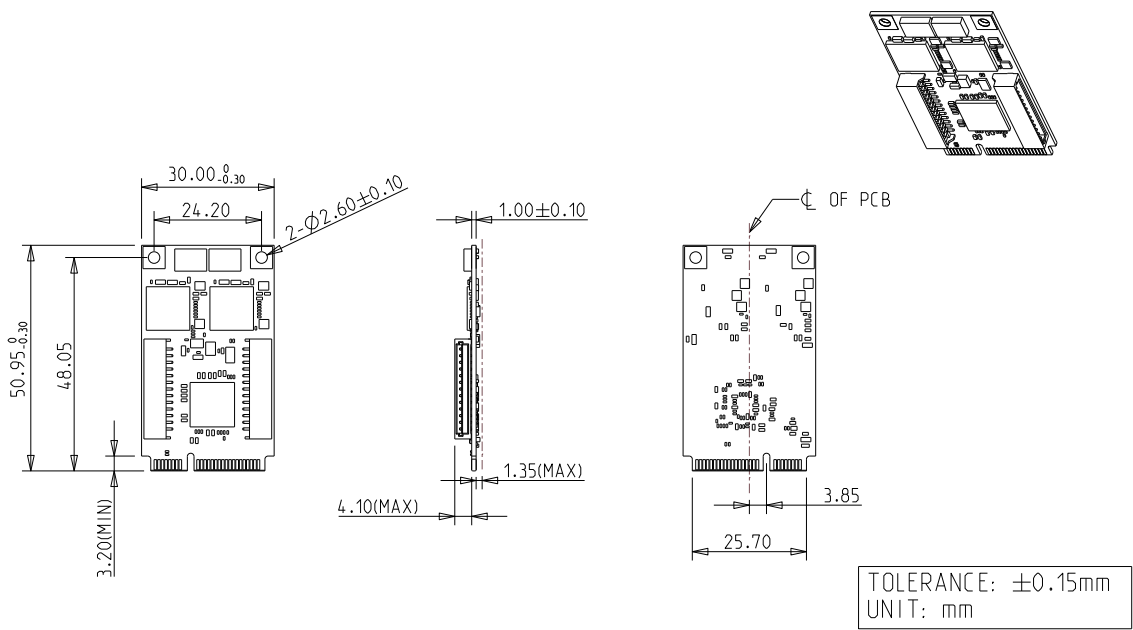
SPECIFICATIONS

Model Name	EMPL-G2P2
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	25.5W x 2 (52V, 0.98A)
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 $0^{\circ} \sim 70^{\circ}\text{C}$; W/T $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (Ta) Storage : $-55^{\circ}\text{C} \sim 95^{\circ}\text{C}$ (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.

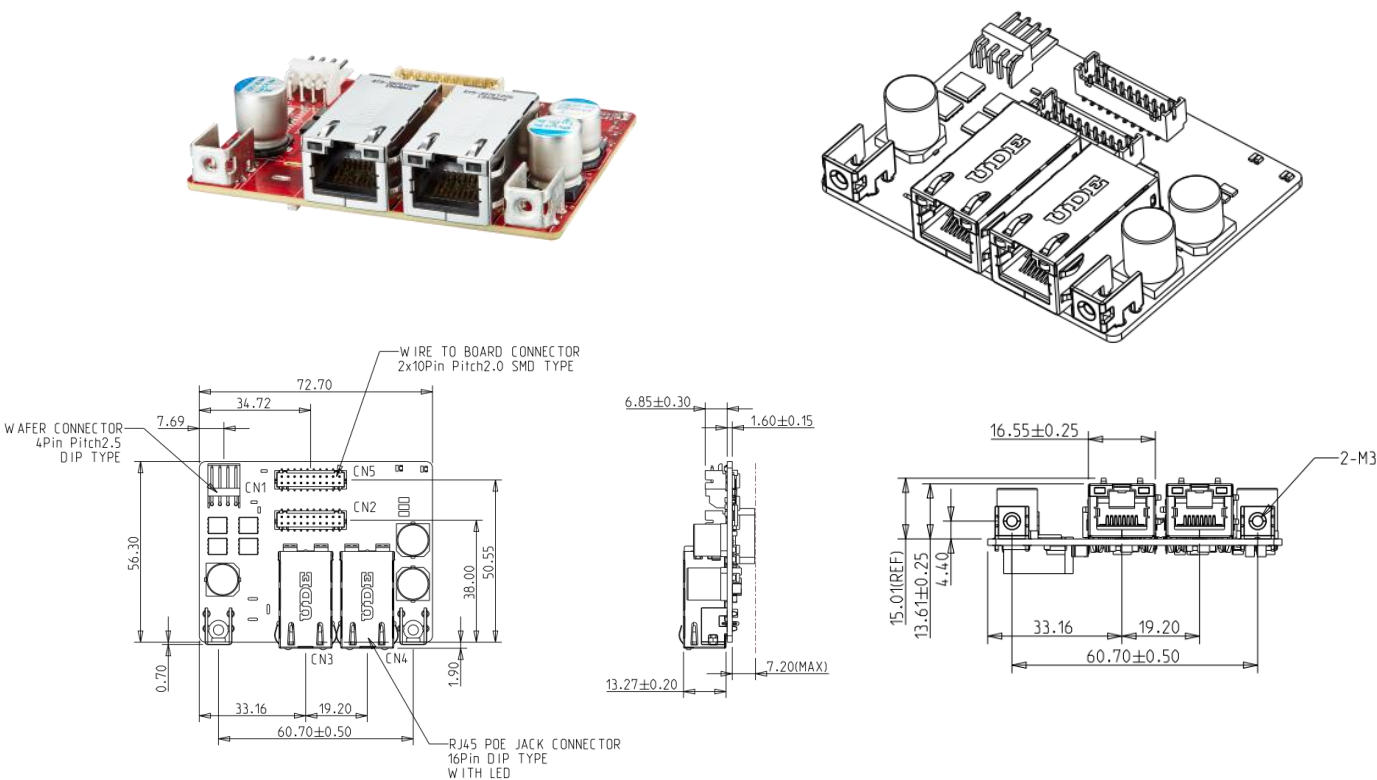
P/N	Description
EMPL-G2P2-C3	mPCIe to Dual PoE+ Module, Mounting Hole, 4-pin Header / Standard Temperature
EMPL-G2P2-W3	mPCIe to Dual PoE+ Module, Mounting Hole, 4-pin Header / Wide Temperature
EMPL-G2P2-C4	mPCIe to Dual PoE+ Module, Bracket, 4-pin Header / Standard Temperature
EMPL-G2P2-W4	mPCIe to Dual PoE+ Module, Bracket, 4-pin Header / Wide Temperature

MECHANICAL DRAWING

Main Board

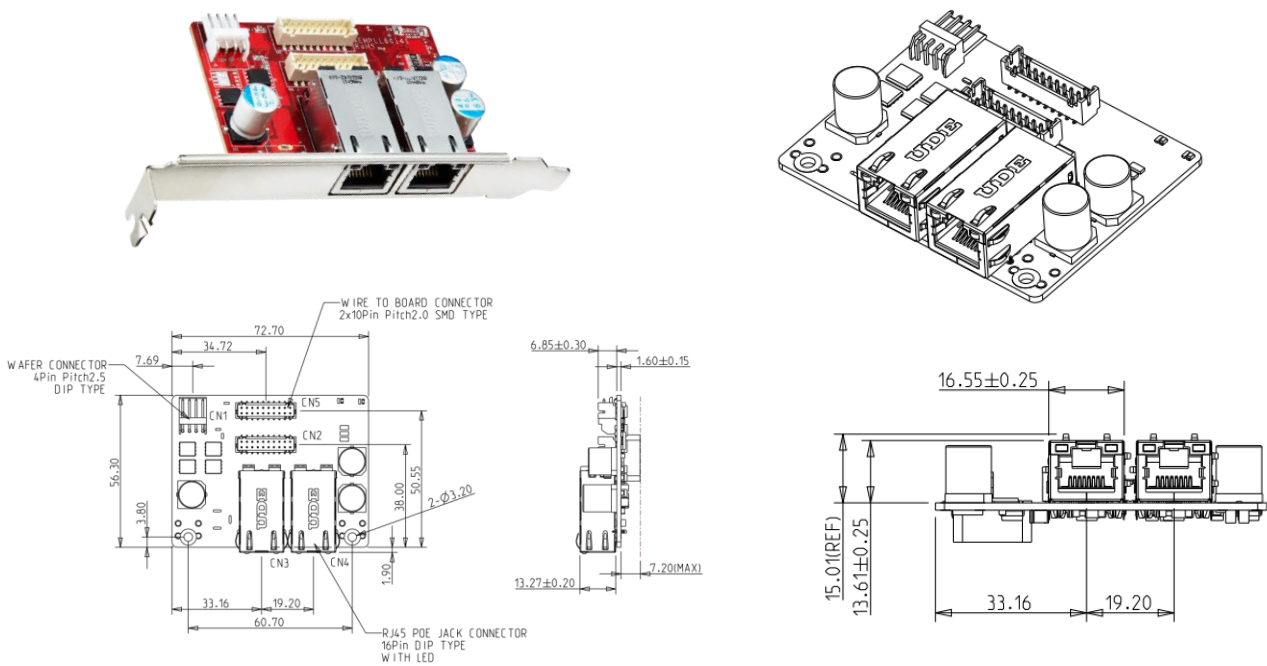


EMPL-G2P2-C3 / W3 Daughter Board and Mechanical Drawing

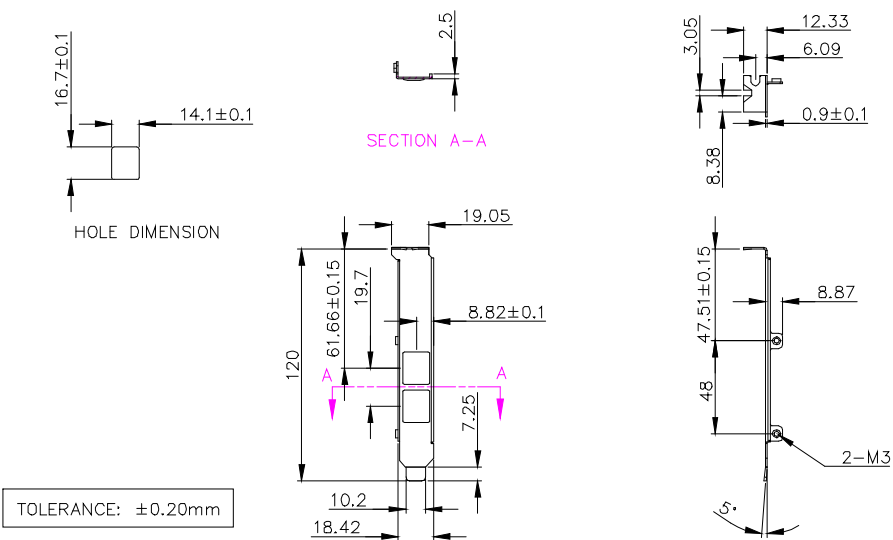


MECHANICAL DRAWING

EMPL-G2P2-C4 / W4 Daughter Board and Mechanical Drawing



Bracket



PIN DEFINE

CAN Connector Pin Define	
1	NC
2	GND
3	GND
4	19 ~ 24V