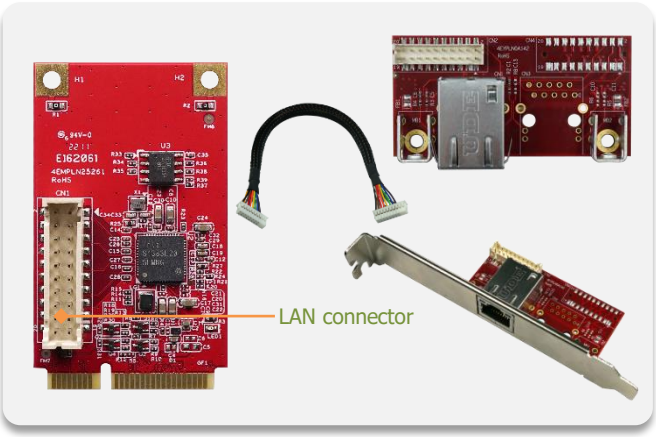
EMPL-G1S1

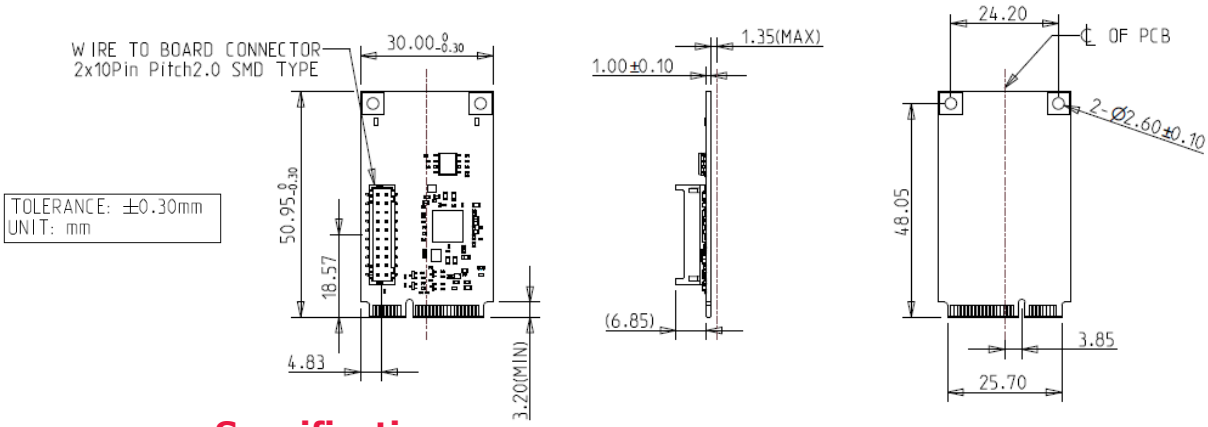
mPCIe to single isolated GbE LAN module



Features

- Single isolated GbE LAN ports
- Complies with EN61000-4-5 2kV Surge protection
- Complies with IEC 60950-1:2005 + A1: 2009 + A2:2013 2kV HiPOT protection
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Flexible daughter board with cable to fit into different system
- 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



Specifications

Form-Factor	mPCIe
Input I/F	PCI Express 2.1 x 1
Output I/F	GbE LAN
Output Connector	RJ45 x 1
Power Consumption	MAX: 1.326W (3.3V, 402mA)
Dimension (WxLxH)	Main Board: 30 x 50.9 x 9.2 mm Daughter Board: 59.5 x 30 x 17.32 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 i225-V only supports workstation OS Support Intel-vPro (i225-LM/i225-IT only)
Limitation	*Linux kernel rebuild is needed (modify igc driver) if version < 5.15

Order information

EMPL-G1S1-V1 (i225-V, Mounting hole, Standard Temp.)
EMPL-G1S1-C1 (i225-LM, Mounting hole, Standard Temp.)
EMPL-G1S1-W1 (i225-IT, Mounting hole , Wide Temp.)
EMPL-G1S1-V2 (i225-V, Bracket, Standard Temp.)
EMPL-G1S1-C2 (i225-LM, Bracket, Standard Temp.)
EMPL-G1S1-W2 (i225-IT, Bracket, Wide Temp.)
mPCIe to single isolated GbE LAN Module

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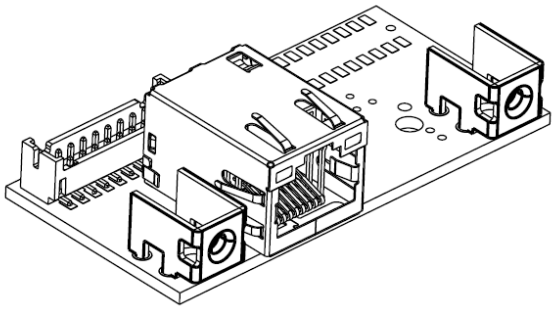
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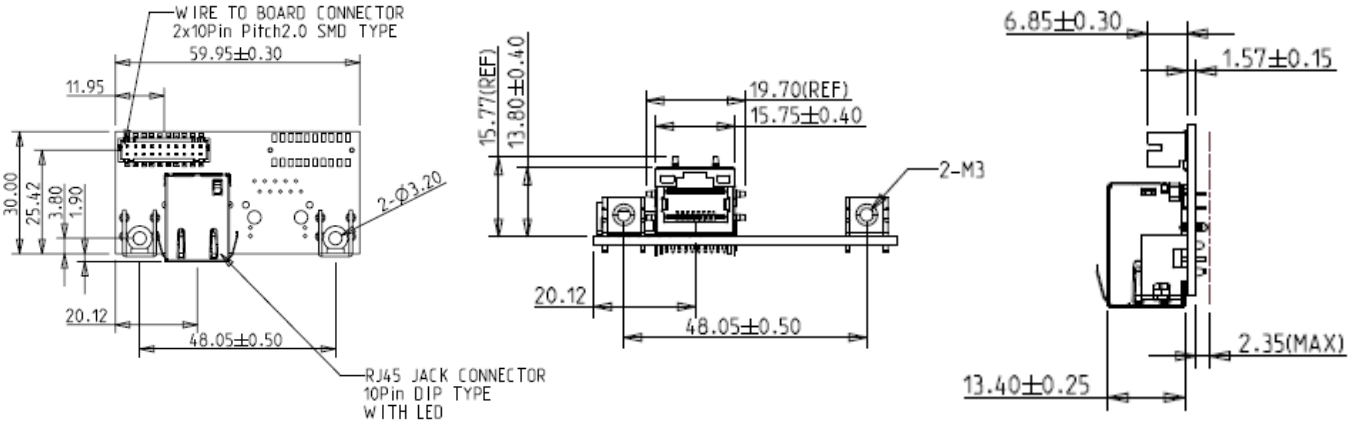
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June 15, 2022

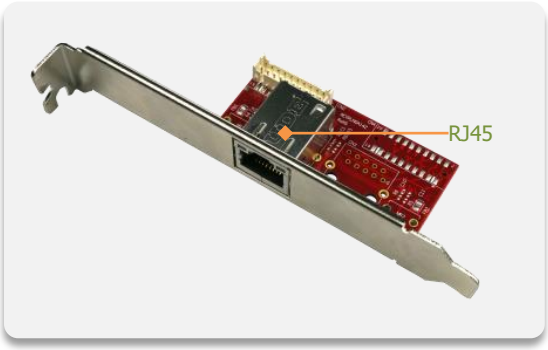
EMPL-G1S1-C1/W1 Daughter Board and Mechanical Drawing

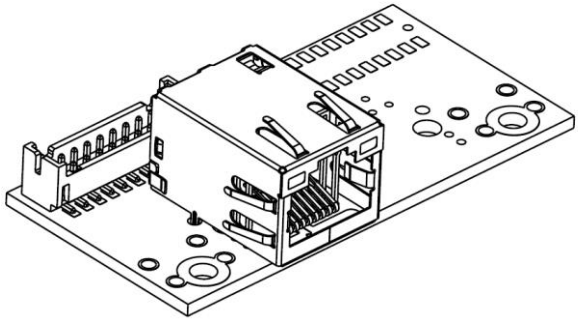


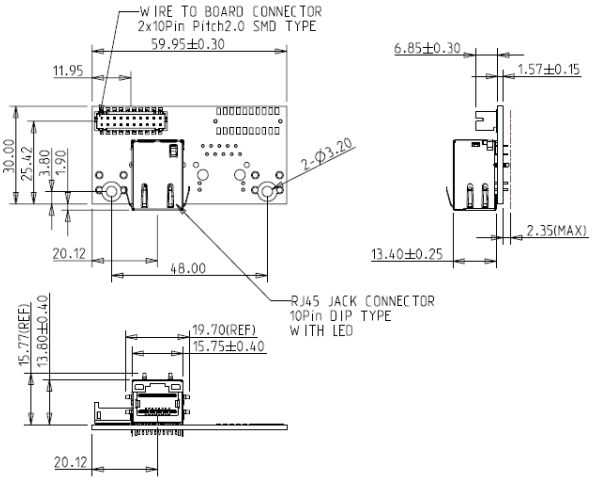




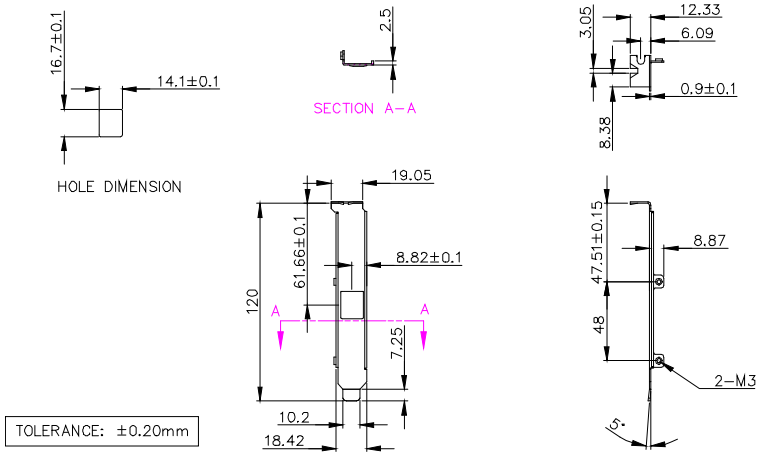
EMPL-G1S1-C2/W2 Daughter Board and Mechanical Drawing







Bracket



TOLERANCE: ±0.20mm