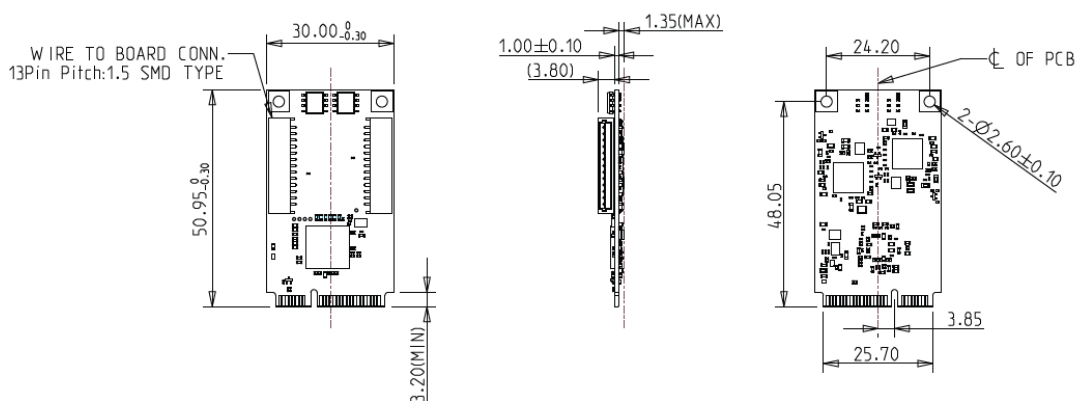
**Features**

- Dual isolated 2.5GbE LAN port
- 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	Dual 2.5GbE LAN
Output Connector	RJ45 x 2
Power Consumption	MAX: 3.8W (3.3V, 1154mA)
Dimension (WxLxH)	30 x 50.95 x 6.15 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 < 5.16.18 *Not recommend used in VMware ESXi due to High Latency *Not support Intel vPro *The speed will be $\leq$ 1.2 Gbits/sec when using dual LAN at the same time.

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September 25, 2023

**Order information**

**EMPL-22S2-C1 (Mounting hole, Standard Temp.)**

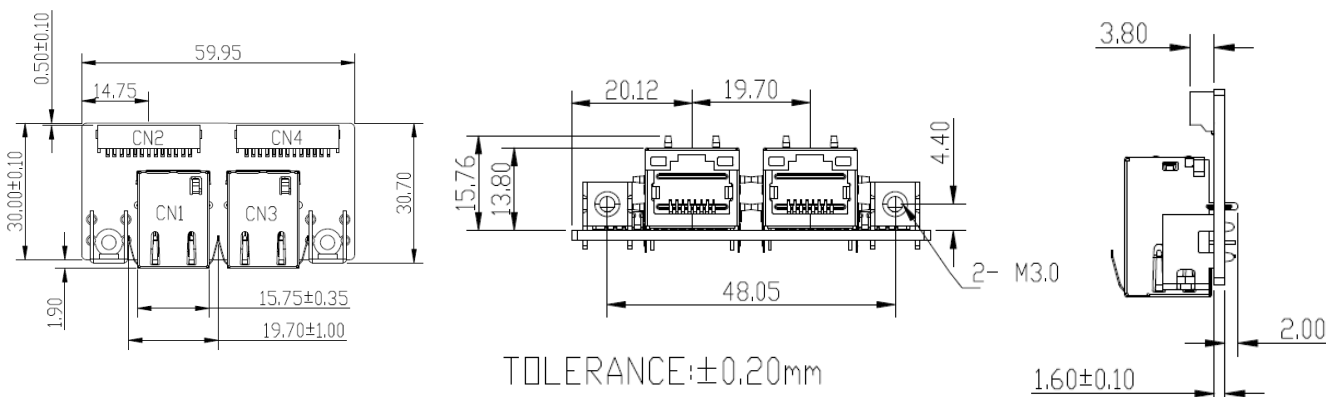
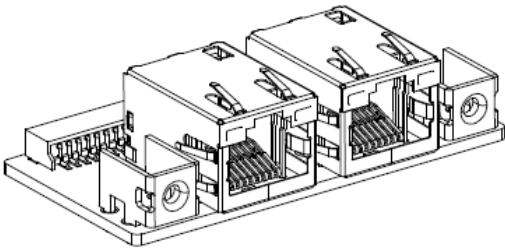
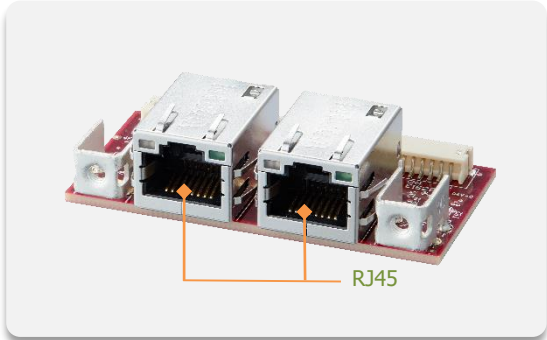
**EMPL-22S2-W1 (Mounting hole, Wide Temp.)**

**EMPL-22S2-C2 (Bracket, Standard Temp.)**

**EMPL-22S2-W2 (Bracket, Wide Temp.)**

mPCIe to Dual Isolated 2.5GbE LAN Horizontal Module

EMPL-22S2-C1/W1 Daughter Board and Mechanical Drawing



EMPL-22S2-C2/W2 Daughter Board and Mechanical Drawing

