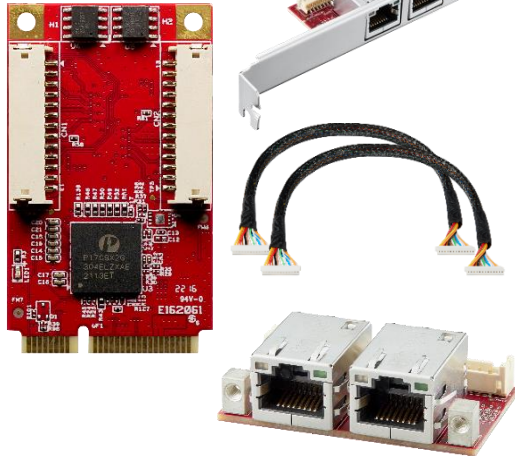


EMPL-22S2

mPCIe to Dual Isolated 2.5GbE LAN Module

HIGHLIGHT FEATURES

- Intel i226 controller
- 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
- Industrial temperature -40 °C to 85 °C
- Industrial design, manufactured in Innodisk Taiwan



SPECIFICATIONS

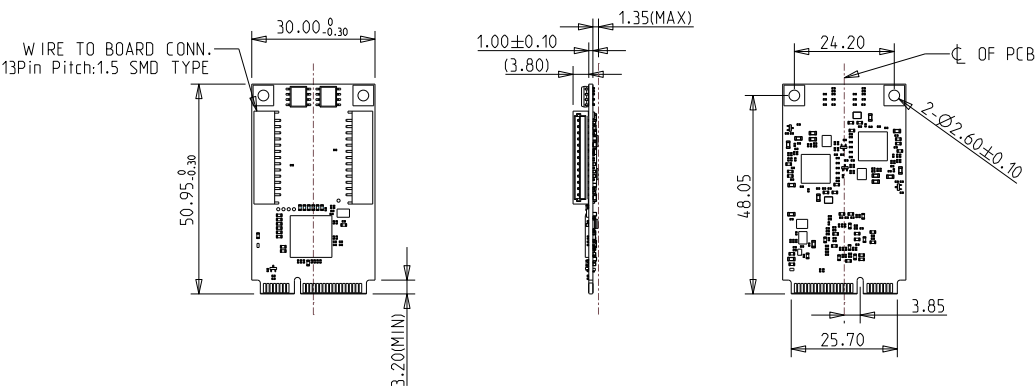
Model Name	EMPL-22S2
Module Type	mPCIe to Dual Isolated 2.5GbE LAN Module
Form Factor	mPCIe
Function	LAN
Input I/F	PCI Express 2.1 x2
Output I/F	2.5GbE LAN
Output Port	2
Output Connector	RJ45
Max. Power Consumption	3.8W (3.3V, 1154mA)
Dimension (W x L x H/mm)	Main Board : 30 x 50.9 x 6.15 Daughter Board : 50 x 28 x 19.37
Temperature	Operation : S/T 0°C ~ 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 : 10 (64bit), and above version Linux (igc) : Kernel 5.x version
Warranty	3 Years
Notes	• Please download driver from Intel official website. • The speed might be $\leq$ 1.6 Gbits/sec when using dual LAN at the same time. • Linux upstream kernel release - from 5.16.18. • Not recommend used in VMware ESXi due to High Latency. • Not support Intel vPro.

ORDER INFO.

P/N	Description
EMPL-22S2-C1	mPCIe to Dual Isolated 2.5GbE LAN Horizontal Module, Mounting Hole / Standard Temperature
EMPL-22S2-W1	mPCIe to Dual Isolated 2.5GbE LAN Horizontal Module, Mounting Hole / Wide Temperature
EMPL-22S2-C2	mPCIe to Dual Isolated 2.5GbE LAN Horizontal Module, Bracket / Standard Temperature
EMPL-22S2-W2	mPCIe to Dual Isolated 2.5GbE LAN Horizontal Module, Bracket / Wide Temperature

MECHANICAL DRAWING

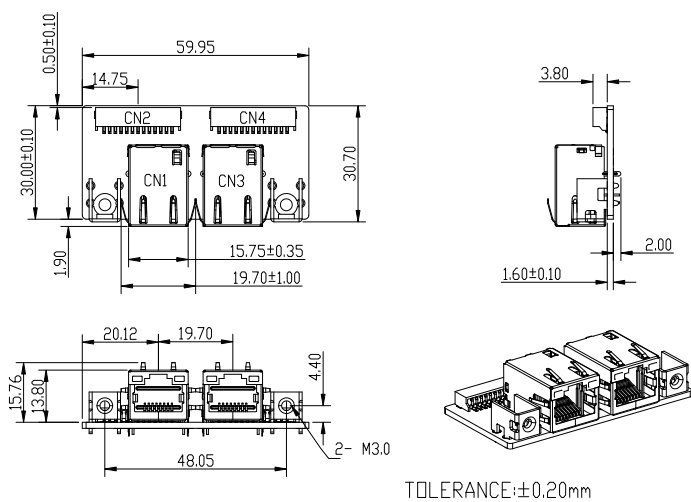
Main Board



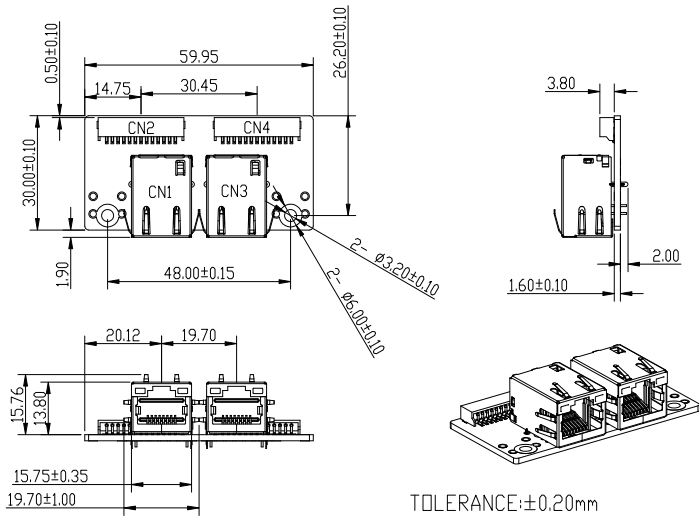
TOLERANCE: $\pm$ 0.30mm
UNIT: mm

Daughter Board

EMP-22S2-C(W)1



EMP-22S2-C(W)2



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