

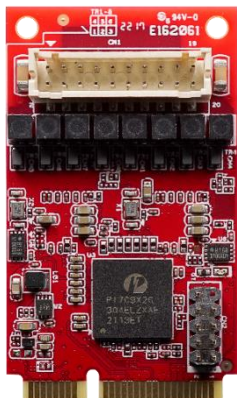


EMPL-22N1

mPCIe to Dual 2.5GbE LAN Module

HIGHLIGHT FEATURES

- Intel i226 controller
- Dual 2.5GbE LAN ports
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Transformer on PCB for flexible cable design
- External LED indicator pin for speed 10 / 100 / 1000
- Optional Industrial Temperature (-40°C to 85°C) support



SPECIFICATIONS

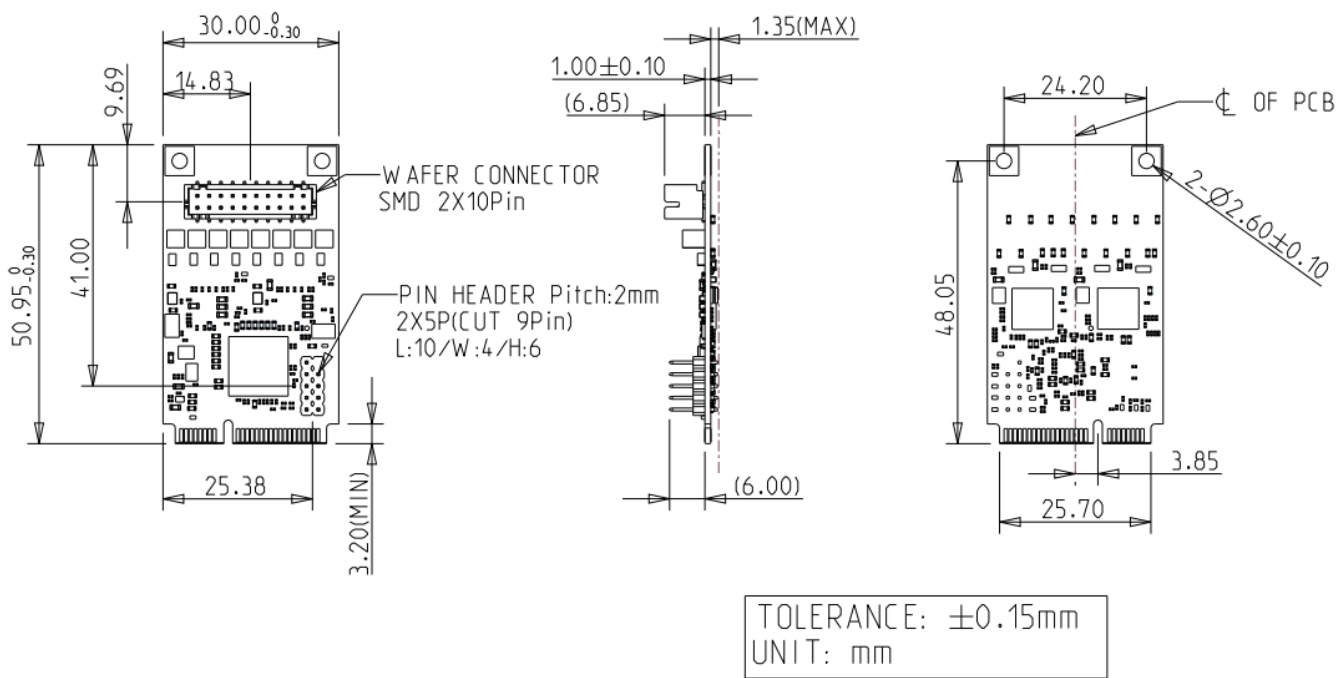
Model Name	EMPL-22N1
Module Type	mPCIe to Dual 2.5GbE LAN Module
Form Factor	mPCIe
Function	LAN
Input I/F	PCI Express 2.1 x1
Output I/F	2.5GbE LAN
Output Port	2
Output Connector	RJ45
Max. Power Consumption	3.2043W (3.3V, 971mA)
Dimension (W x L x H/mm)	29.85 x 50.8 x 9.35
Temperature	Operation : S/T 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 5.16.18
Warranty	3 Years
Notes	• Please download Windows driver from Intel official website. • The speed might be ≤ 1.6 Gbits/sec when using dual LAN at the same time. • Linux upstream kernel release from 5.16.18 (inbox igc driver) • Not recommend used in VMware ESXi due to High Latency. • Not support Intel vPro.

ORDER INFO.

P/N	Description
EMPL-22N1-C1	mPCIe to Dual 2.5GbE LAN Module / Standard Temperature
EMPL-22N1-W1	mPCIe to Dual 2.5GbE LAN Module / Wide Temperature

MECHANICAL DRAWING

Main Board



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