

CONNECTING INTELLIGENCE

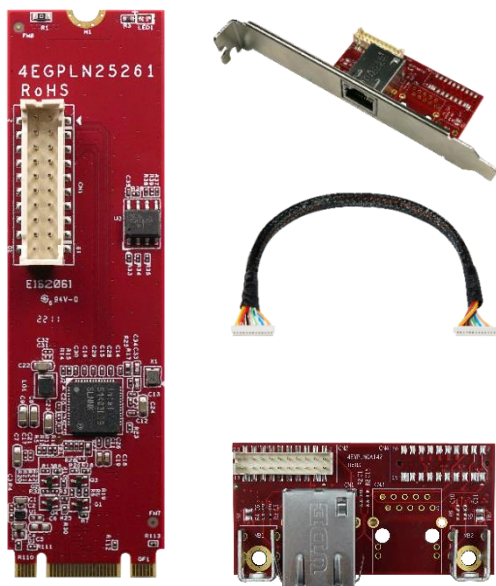
NETWORKING

EGPL-21S1

M.2 2280 to Single 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
- Optional terminal mounting hole or bracket for daughter board
- Optional industrial temperature (-40°C to 85°C) support



SPECIFICATIONS

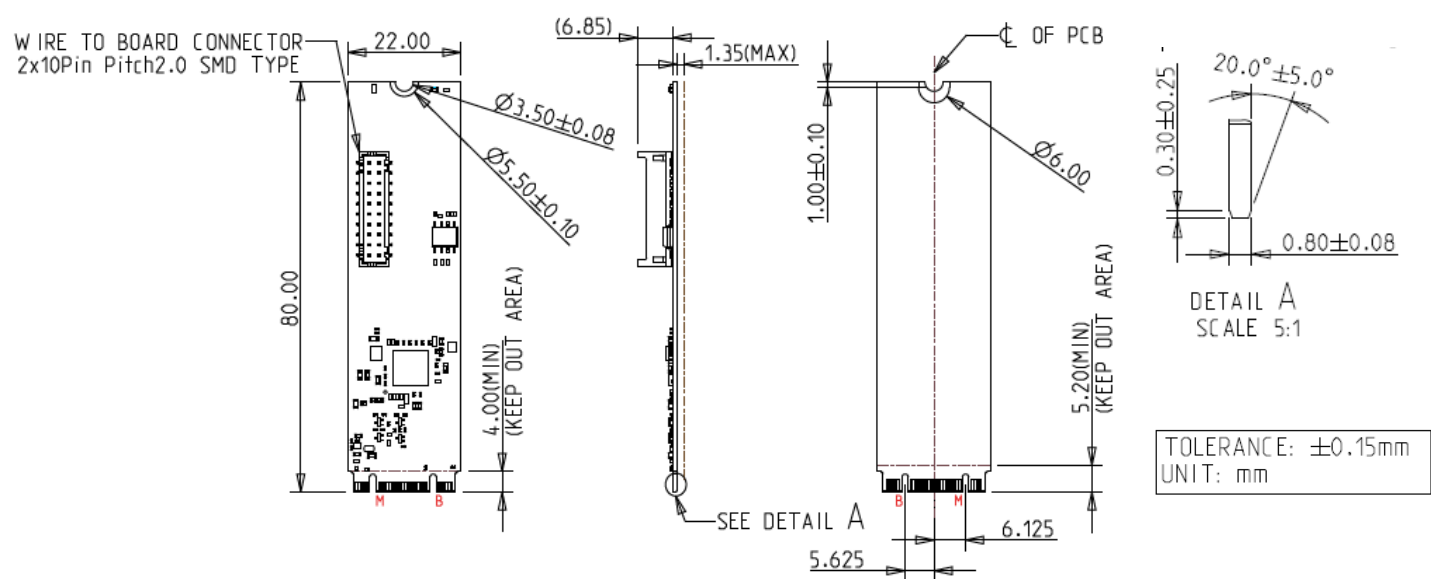
Model Name	EGPL-21S1
Module Type	M.2 2280 to Single Isolated 2.5GbE LAN Module
Form Factor	M.2 2280 B+M Key
Function	LAN
Input I/F	PCI Express 2.1 x2
Output I/F	Single 2.5GbE LAN
Output Port	1
Output Connector	RJ45
Max. Power Consumption	1.369W (3.3V, 415mA)
Dimension (W x L x H/mm)	Main Board : 22 x 80 x 9 Daughter Board : 59.5 x 30 x 17.32
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. • Linux Kernel rebuild is needed (modify igc driver) if version < 5.16.18.

ORDER INFO.

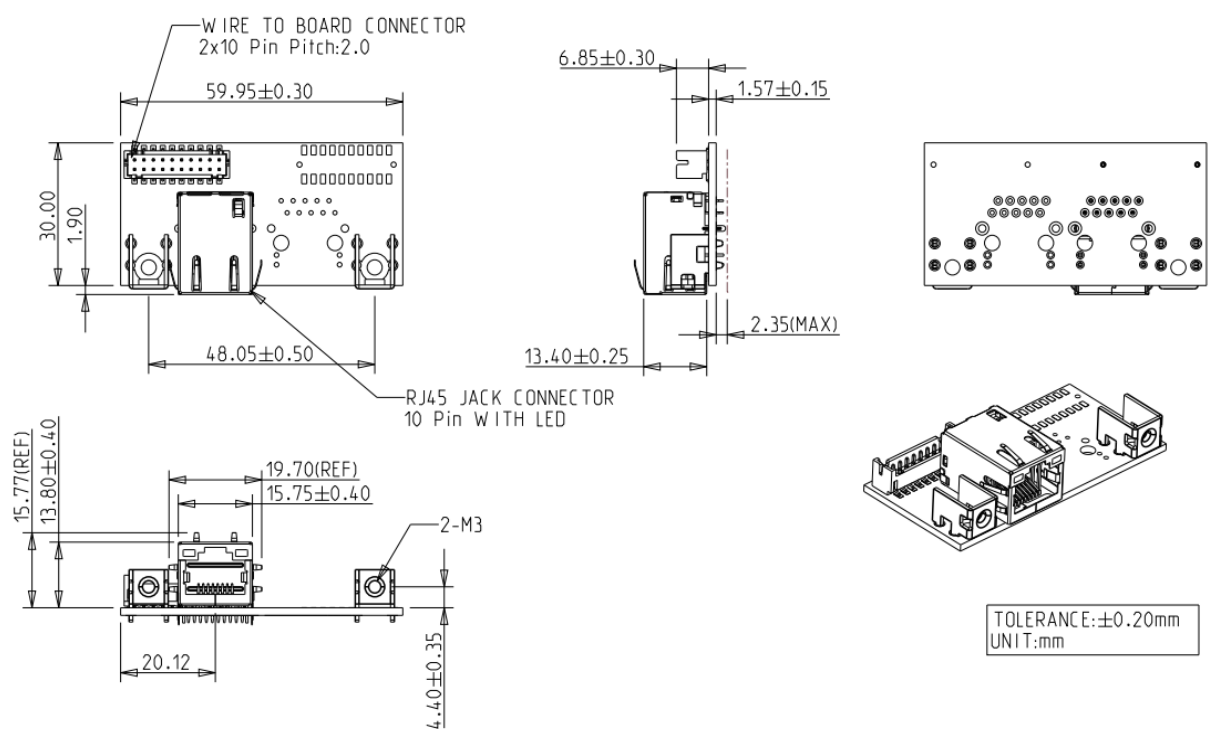
P/N	Description
EGPL-21S1-C1	M.2 2280 to Single Isolated 2.5GbE LAN Module, Mounting Hole / Standard Temperature
EGPL-21S1-W1	M.2 2280 to Single Isolated 2.5GbE LAN Module, Mounting Hole / Wide Temperature
EGPL-21S1-C2	M.2 2280 to Single Isolated 2.5GbE LAN Module, Bracket / Standard Temperature
EGPL-21S1-W2	M.2 2280 to Single Isolated 2.5GbE LAN Module, Bracket / Wide Temperature

MECHANICAL DRAWING

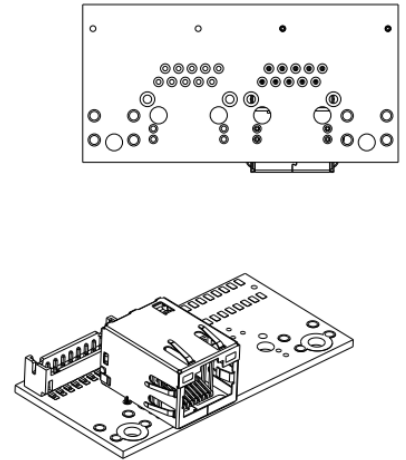
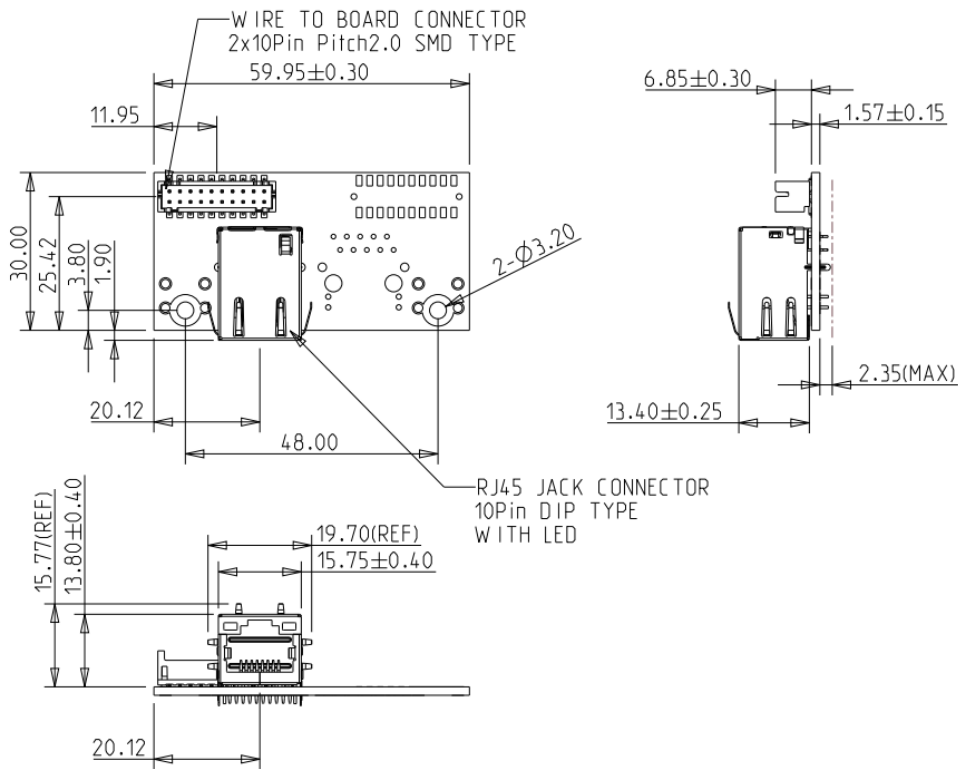
Main Board



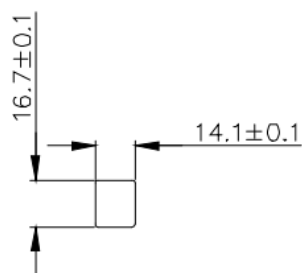
EGPL-21S1-C1 / W1 Daughter Board



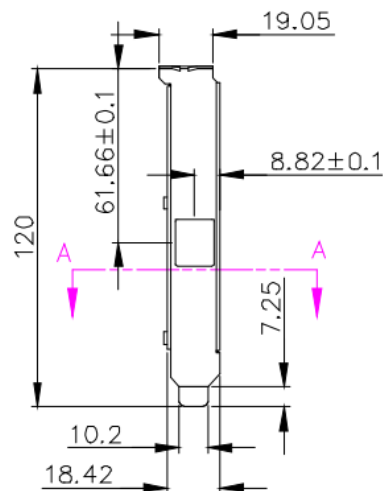
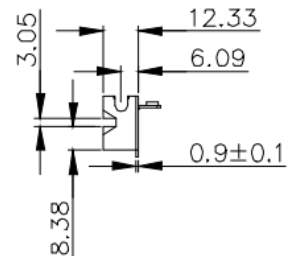
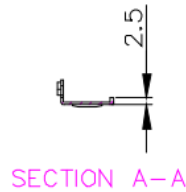
EGPL-21S1-C2 / W2 Daughter Board



Bracket



HOLE DIMENSION



TOLERANCE: ±0.20mm

