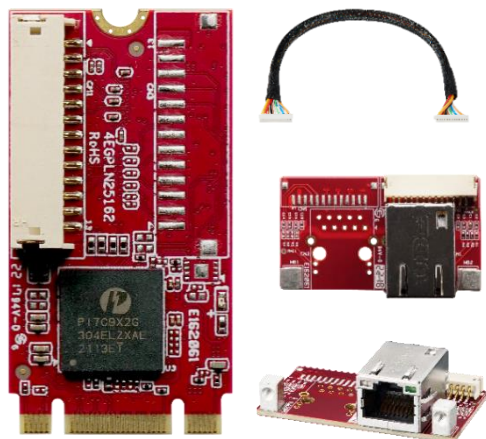


## EGPL-21S4

M.2 2242 to Single Isolated 2.5GbE LAN Horizontal 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

### SPECIFICATIONS

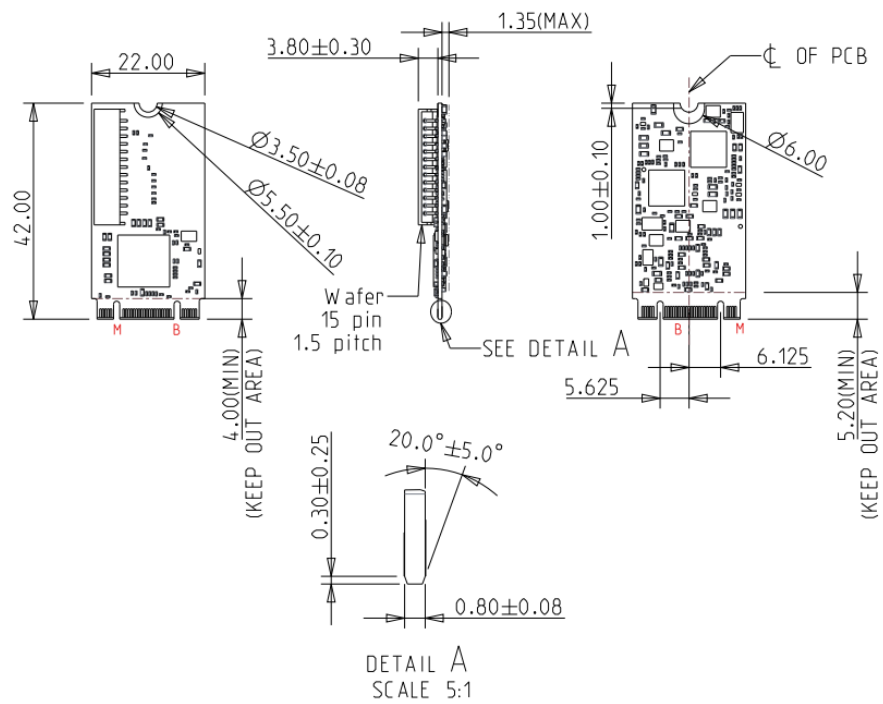
|                          |                                                                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Name               | EGPL-21S4                                                                                                                                                                                                                                                                                      |
| Module Type              | M.2 2242 to Single Isolated 2.5GbE LAN Horizontal Module                                                                                                                                                                                                                                       |
| Form Factor              | M.2 2242 B+M Key                                                                                                                                                                                                                                                                               |
| Function                 | LAN                                                                                                                                                                                                                                                                                            |
| Input I/F                | PCI Express 2.1 x2                                                                                                                                                                                                                                                                             |
| Output I/F               | 2.5GbE LAN                                                                                                                                                                                                                                                                                     |
| Output Port              | 1                                                                                                                                                                                                                                                                                              |
| Output Connector         | RJ45                                                                                                                                                                                                                                                                                           |
| Max. Power Consumption   | 1.943W (3.3V, 589mA)                                                                                                                                                                                                                                                                           |
| Dimension (W x L x H/mm) | Main Board : 22 x 42 x 5.95<br>Daughter Board : 50 x 28 x 19.75                                                                                                                                                                                                                                |
| Temperature              | Operation : S/T 0°C ~ 70°C ; W/T -40°C ~ 85°C (Ta)<br>Storage : -55°C ~ 95°C (Ta)                                                                                                                                                                                                              |
| Vibration                | 5G@[7~2000Hz]                                                                                                                                                                                                                                                                                  |
| Shock                    | 50G@0.5ms                                                                                                                                                                                                                                                                                      |
| OS Support               | Windows : 10 (64bit), and above version<br>Linux (igc) : Kernel 5.x version                                                                                                                                                                                                                    |
| Warranty                 | 3 Years                                                                                                                                                                                                                                                                                        |
| Notes                    | <ul style="list-style-type: none"><li>• Please download driver from Intel official website.</li><li>• Linux Kernel rebuild is needed (modify igc driver) if version &lt; 5.16.18.</li><li>• Not recommend used in VMware ESXi due to High Latency.</li><li>• Not support Intel vPro.</li></ul> |

# ORDER INFO.

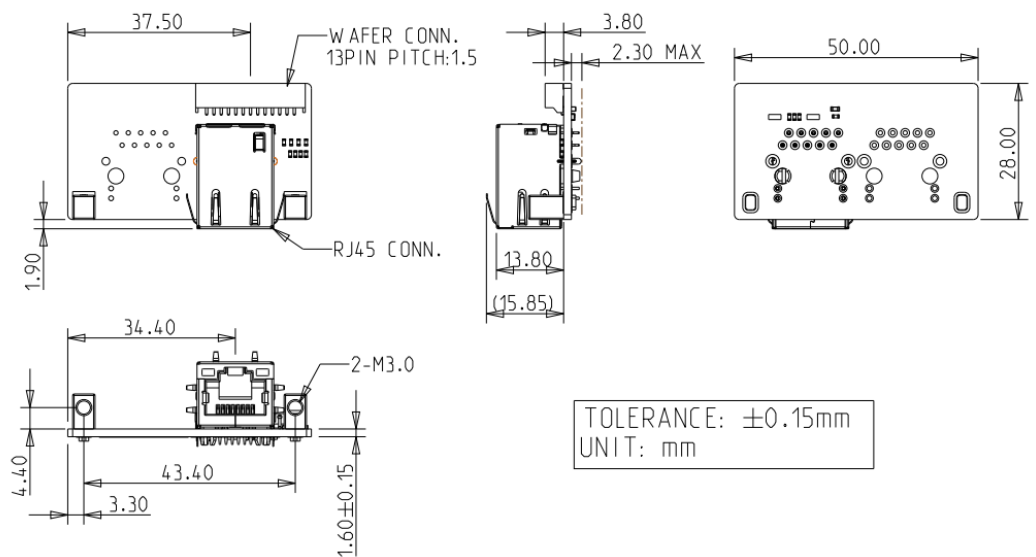
| P/N          | Description                                                                                    |
|--------------|------------------------------------------------------------------------------------------------|
| EGPL-21S4-C1 | M.2 2242 to Single Isolated 2.5GbE LAN Horizontal Module, Mounting Hole / Standard Temperature |
| EGPL-21S4-W1 | M.2 2242 to Single Isolated 2.5GbE LAN Horizontal Module, Mounting Hole / Wide Temperature     |

# MECHANICAL DRAWING

## Main Board



## Daughter Board



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