

# CONNECTING INTELLIGENCE NETWORKING

## EMPL-G202

mPCIe to Dual Isolated GbE LAN Horizontal Module

### HIGHLIGHT FEATURES

- Intel i210 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

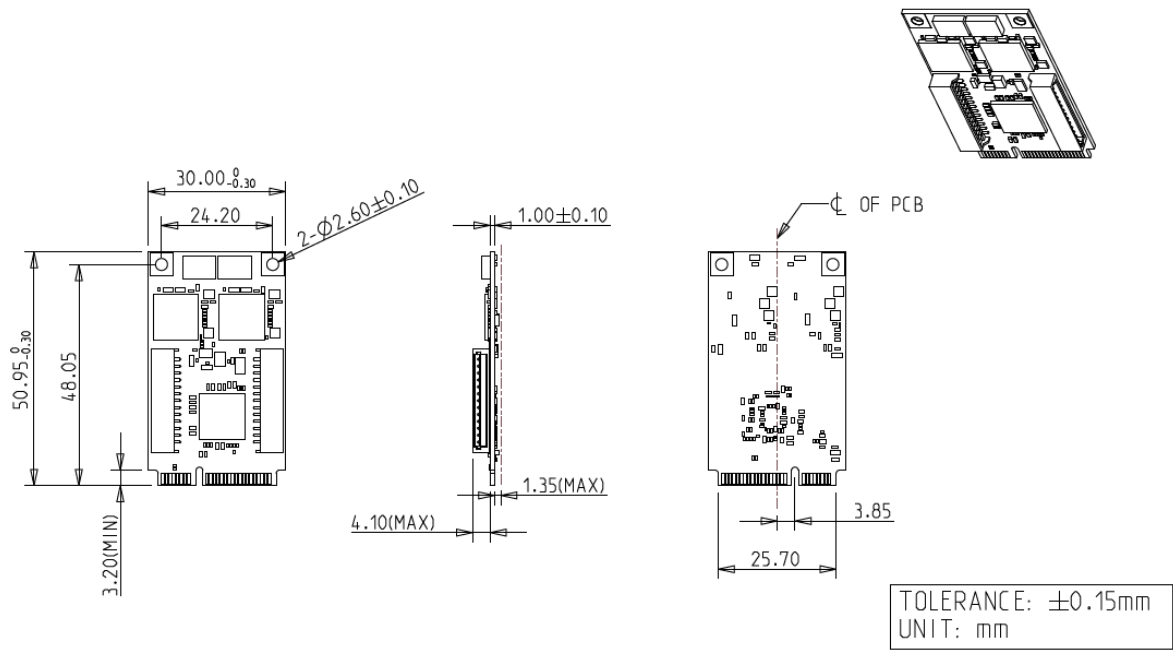
|                          |                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model Name               | EMPL-G202                                                                                                                                                   |
| Module Type              | mPCIe to Dual Isolated GbE LAN Horizontal Module                                                                                                            |
| Form Factor              | mPCIe                                                                                                                                                       |
| Function                 | LAN                                                                                                                                                         |
| Input I/F                | PCI Express 2.1 x1                                                                                                                                          |
| Output I/F               | GbE LAN                                                                                                                                                     |
| Output Port              | 2                                                                                                                                                           |
| Output Connector         | RJ45                                                                                                                                                        |
| Max. Power Consumption   | 1.485W (3.3V, 450mA)                                                                                                                                        |
| Dimension (W x L x H/mm) | 30 x 50.95 x 5.8                                                                                                                                            |
| 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 : XP (32bit), 7 (32 / 64bit), 8 / 8.1 (32 / 64 bit), 10 (32 / 64bit), and above version<br>Linux : Kernel 2.4 series, 2.6.x, 3.x, and above version |
| Warranty                 | 3 Years                                                                                                                                                     |
| Notes                    | <ul style="list-style-type: none"><li>• Please download driver from Intel official website.</li></ul>                                                       |

ORDER INFO.

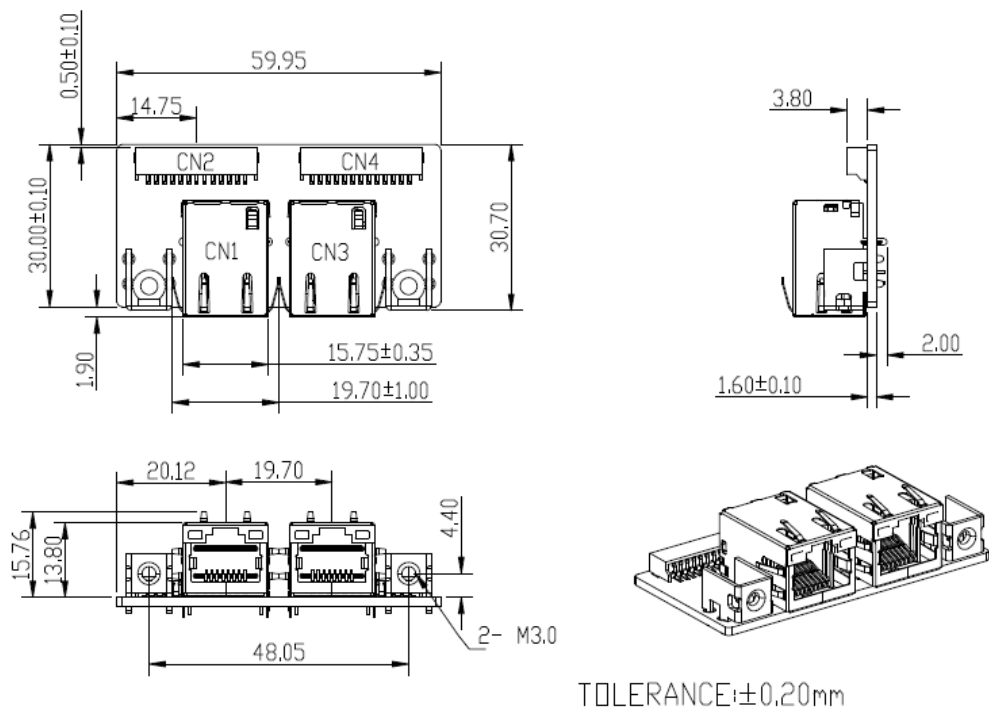
| P/N          | Description                                                                                     |
|--------------|-------------------------------------------------------------------------------------------------|
| EMPL-G202-C3 | mPCIe to Dual Isolated GbE LAN Horizontal Module, Terminal Mounting Hole / Standard Temperature |
| EMPL-G202-W3 | mPCIe to Dual Isolated GbE LAN Horizontal Module, Terminal Mounting Hole / Wide Temperature     |
| EMPL-G202-C4 | mPCIe to Dual Isolated GbE LAN Horizontal Module, Bracket / Standard Temperature                |
| EMPL-G202-W4 | mPCIe to Dual Isolated GbE LAN Horizontal Module, Bracket / Wide Temperature                    |

MECHANICAL DRAWING

Main Board



EMPL-G202-C3 / W3 Daughter Board



MECHANICAL DRAWING

EMPL-G202-C4 / W4 Daughter Board

