

Specifications

General

PCI-Express Revision:

PCI-Express Base Specification Rev. 2.0

PCI-Express Electromechanical Revision:

PCI-Express Mini Card Electromechanical Rev. 2.0

Hardware

Controllers: Intel I210-IT x 2

Bus: Single-Lane (x1) PCI-Express with throughput up to 5.0/2.5Gbps

Interface (Connector)

Ethernet 10/100/1000: 2 (RJ45)

Technology

Standards:

- IEEE 802.3 for 10BaseT
- IEEE 802.3u for 100BaseT(X)
- IEEE 802.3ab for 1000BaseT(X)
- IEEE 802.3z for 1000BaseX

Flow Control: IEEE 802.3x flow control

Driver Support

Operating Systems: Win 7, Win 8, Win 10

Power Requirement

Power Consumption: 705mA@3.3V

Dimensions

Width x Length (mm): 30.00 x 50.95

Environmental Limits

Operating Temperature: -40°C ~ 85°C

Storage Temperature: -40°C ~ 125°C

Humidity (non-condensing): 5% ~ 95%

Regulatory Approvals

EMC: CE, FCC

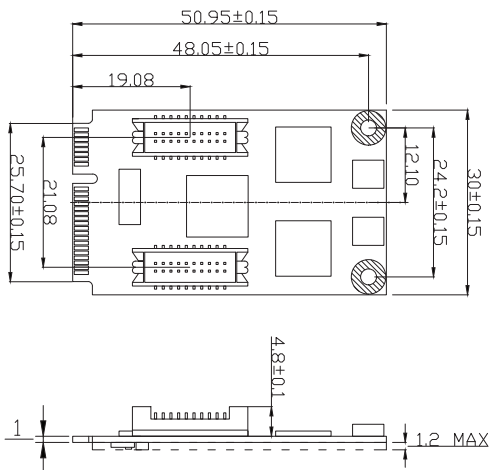
EMI: EN 55032, EN61000-3-2, EN61000-3-3, FCC Part 15 Subpart B Class B

EMS: EN 55035, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11

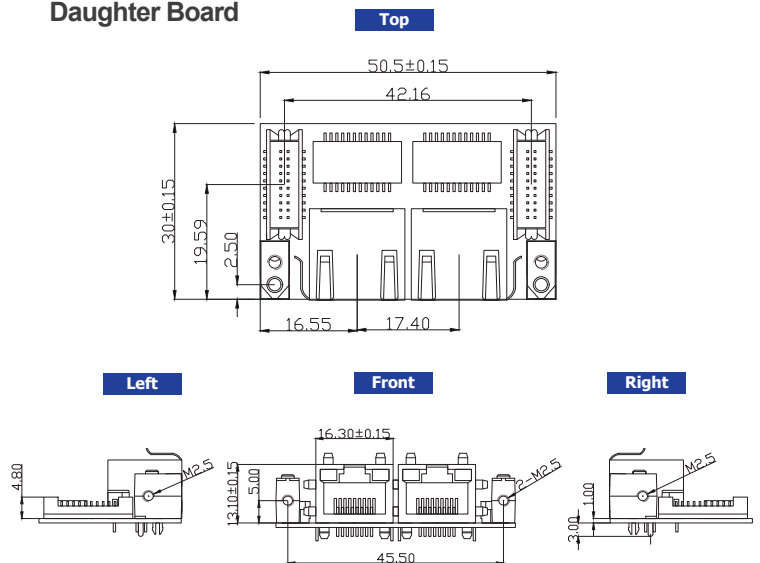
Reliability

Warranty: 3 years

Dimensions



Daughter Board



Package Checklist

- Mini PCI-e Card x 1
- Daughter Board x1
- Bracket x 1
- M2.5 Screw x 2
- 20Pin Internal Cable (30cm) x 2
- Quick Installation Guide (Printed) x 1

Ordering Information

Available Models

MEC-LAN-M102i

Mini PCI-e 2-port 10/100/1000 isolated Ethernet board

