CAPTEC

cincoze™

SEM-MLAN101

M.2 Expansion Module

Key Benefits

- **Flexible Expansion** with an M.2 Key B socket supporting six card form factors
- **5G/GNSS Support** enabling cellular and satellite positioning module integration
- **Dual SIM Connectivity** with two Nano SIM sockets and four antenna holes
- **Versatile Interfaces** supporting PCIe Gen 3 x2, USB 2.0 and SIM signals
- **Tool-Free Installation** with a compact single-deck, plug-and-play design



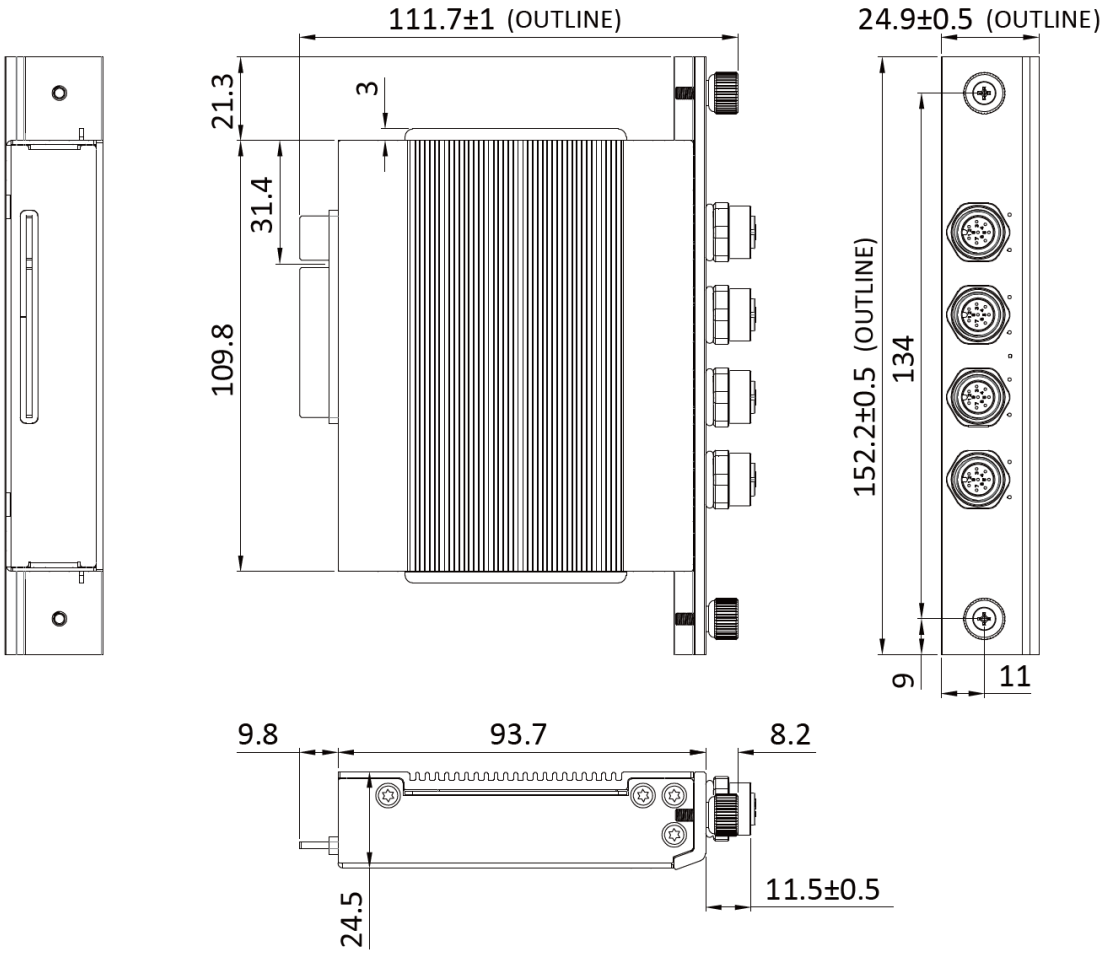
Overview

The SEM-MLAN101 is a Scalable Expansion Module designed to extend the networking capabilities of compatible Cincoze expansion decks. Featuring four Intel® I210 Ethernet ports with M12 A-coded connectors, it supports data rates of 10/100/1000 Mbps per port for industrial network connectivity. Its PCIe x4 interface and tool-free plug-and-play design simplify installation, while the compact single-deck form factor enables integration with SED-201, SED-401, SED-402 and SED-601 expansion decks.

Specifications

Interface	▪ 1x PCIe x4 for Expansion Deck Installation
Ethernet Port	▪ 4x Intel® I210 Ethernet Ports
Connector Type	▪ M12 A-Coded
Data Rate Per Port	▪ 10/ 100/ 1000 Mbps
Dimension (W x D x H)	▪ 24.9 x 111.7 x 152.2

Dimensions



Unit: mm

Ordering Information

Available Models

Model No.	Description
SEM-MLAN101-R10	Scalable Expansion Module with 4x 1GbE LAN Ports, M12 A-Coded Connector, 1 Deck

Package Check List

- SEM-MLAN101 Expansion Module x1

Compatible List

Model No.	Description
SED-201-R10	2-Slot Scalable Expansion Deck, Supports up to 2 I/O Modules
SED-401-R10	4-Slot Scalable Expansion Deck, Supports up to 4 I/O Modules
SED-402-R10	4-Slot Scalable Expansion Deck, Supports up to 2 I/O Modules and 2 Storage Modules
SED-601-R10	6-Slot Scalable Expansion Deck, Supports up to 4 I/O Modules and 2 Storage Modules

Delivering end-to-end, like no one else.
Bring us your challenge & experience the difference.

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