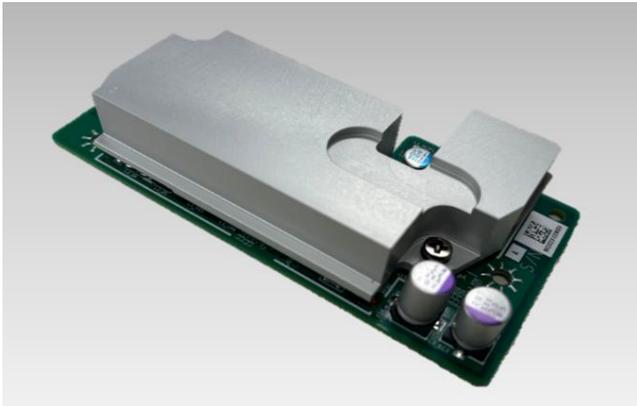# MS-01PON-S10-MX2

4 x PoE+ Xpansion Power Module for MX2 on board 4 x i226LM LAN

Features

- 4 x PoE+ Xpansion Power Module for MX2/MX2-D on board 4 x Intel® i226-LM 2.5G LAN
- Support IEEE 802.3 af/at
- IEEE 1588, PTP technology support

Specification

General

- Form Factor: Proprietary
- Input Connector: Xpansion slot (For MX2/MX2-D Xpansion Power Socket)

Feature

- Support IEEE 802.3 af/at
- Single port maximum output power budget: 25.5W
- Total maximum output power budget: 50W
- Power Boost 50V~57V
- Support IEEE 1588, PTP technology

Environmental

- Operating Temperature: -40 ~ 85°C (Depends on passive thermal solution)
- Storage Temperature: -40 ~ 85°C
- Operating Humidity: 10% ~ 90% R/H (Non-condensing)

Software

- OS Support:
  Microsoft® Windows® 11 IoT Enterprise LTSC 2024
  Microsoft® Windows® 10 IoT Enterprise LTSC 2021
  Ubuntu 24.04 / Linux Driver (by version and request)

Ordering Information

- Module Kit P/N: 5411N8600001, including
  - MS-01PON-S10-MX2 Xpansion Power Modules
  - Heatspreader with thermal pad (Only for MX2/MX2-D use)
  - Screw kit