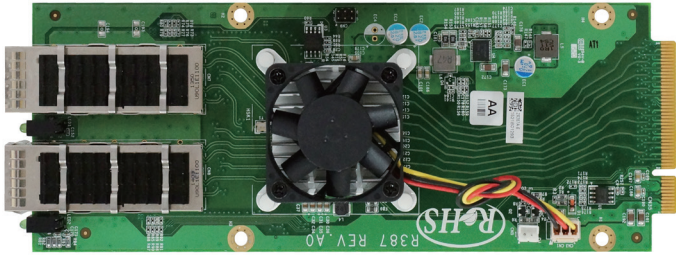


R387

Network Expansion Module



► Features

- 1x Intel® XL710-BM2
- 2x 40GbE QSFP+ Ports
- Support VMDq, SR-IOV, DDP, DPDK



► Introduction

AEWIN R387 Network Expansion Module is built upon the Intel® XL710 chipset, featuring 2x 40GbE QSFP+ ports. SR-IOV functionality is enabled to offer DMA access for virtual machines, as well as DPDK enabled drivers for enhanced packet forwarding performance.

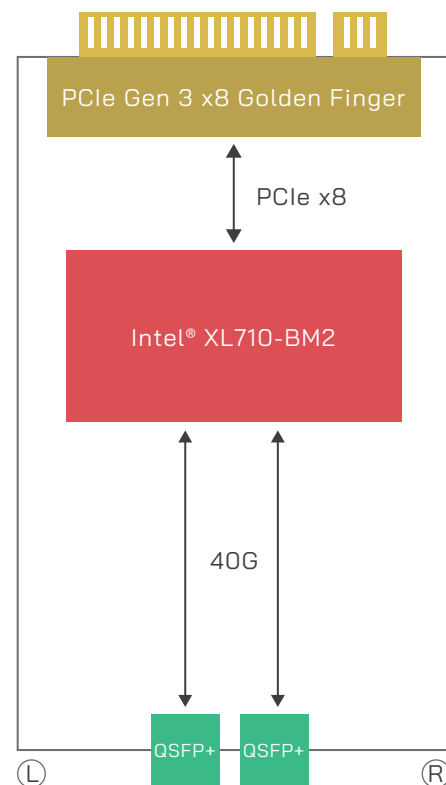
► Specification

Platform	
Form Factor	AEWIN Expansion Module
LAN Controller	1x Intel® XL710-BM2
LAN Switch	-
Features	VMDq, SR-IOV, DDP, DPDK
Ethernet Port	2x 40GbE QSFP+ Ports
Bypass	-
Bus Type	PCIe Gen 3 x8
Mechanical	
Dimension(W x D x H):	74 x 194 x 29 mm
Weight(with tray):	310g
Weight(without tray):	120g
Environmental	
Operating Environment	Temperature: 0-45°C(32-113°F) Humidity: 20-90% RH
Storage Environment	Temperature: 0 -70°C(14-158°F) Humidity: 5-95% RH @ 55°C
OS Support	Windows, Linux, FreeBSD

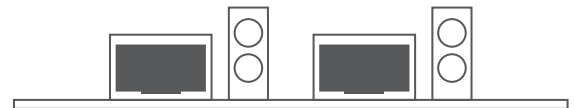
► Order Information

R387A 1x Intel® XL710-BM2,
2x 40GbE QSFP+ Fiber w/o Re-driver,
Ports Sequence Right to Left

► Block Diagram



► LED



LED	State	Description
Upper LAN LED (Speed)	Green ■	40 Gbps data rate
Down LAN LED (LNK/ACT)	Green ■	Link: Always on Active: Blinking