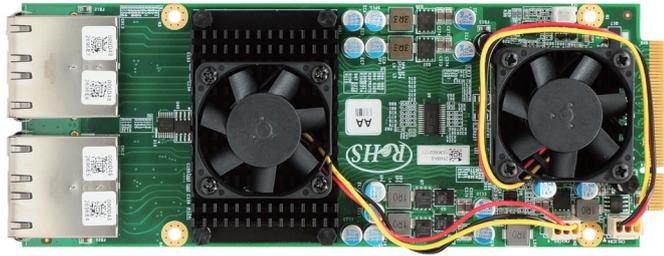


# R408

## Network Expansion Module



### ► Features

- 1x or 2x Intel® X540-BT2
- 2x or 4x 10GbE RJ45 Ports
- Support iSCSI, FCoE, VMDq, SR-IOV



### ► Introduction

AEWIN R408 Network Expansion Module is built upon the Intel® X540-BT2 chipset, featuring 4x 10GbE RJ45 ports powered by 2x X540 or 2x 10GbE RJ45 ports powered by 1x X540. SR-IOV functionality is enabled to offer DMA access for virtual machines.

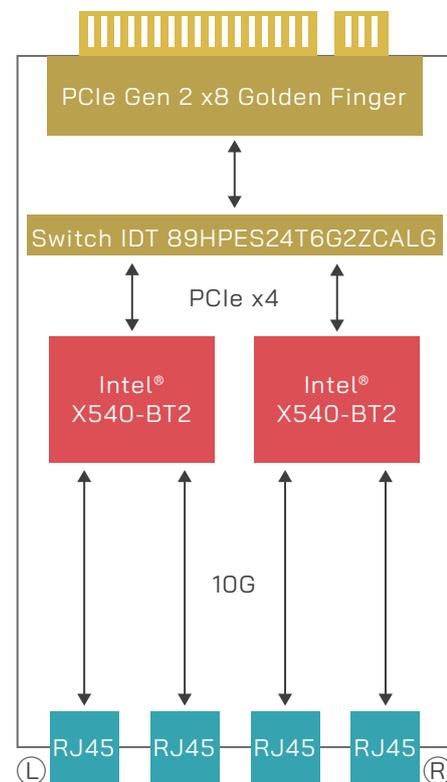
### ► Specification

Platform	
Form Factor	AEWIN Expansion Module
LAN Controller	1x or 2x Intel® X540-BT2
LAN Switch	1x IDT 89HPES24T6G2ZCALG
Features	iSCSI, FCoE, VMDq, SR-IOV
Ethernet Port	2x or 4x 10GbE RJ45 Ports
Bypass	-
Bus Type	PCIe Gen 2 x8
Mechanical	Dimension(W x D x H): 74 x 194 x 29 mm Weight(with tray): 360g Weight(without tray): 170g
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

R408A	2x Intel® X540-BT2, PCIe Switch IDT 89HPES24T6G2ZCALG, 4x 10GbE RJ45 Copper, Ports Sequence Right to Left
R408B	1x Intel® X540-BT2, PCIe Switch IDT 89HPES24T6G2ZCALG, 2x 10GbE RJ45 Copper, Ports Sequence Right to Left

### ► Block Diagram



### ► LED



LED	State	Description
Left LAN LED (LNK/ACT)	Green <span style="color: green;">■</span>	Link: Always on Active: Blinking
Right LAN LED (Speed)	Green <span style="color: green;">■</span>	10 Gbps data rate
	Orange <span style="color: orange;">■</span>	1 Gbps data rate