# NCT202

### ▶ Features

- 1x Intel X710-AT2
- 2x 10GbE RJ45 Ports
- 1 Pair Gen 3 Bypass
- Support iSCSI, FCoE, VMDq, SR-IOV

RJ45 | Bypass | Efficacy

### ▶ Introduction

AEWIN NCT202A Network Expansion Module is built upon the Intel X710-AT2 chipset, featuring 2x 10GbE RJ45 ports. Available with 1 Pair Bypass ports to fit into different networking requirements. SR-IOV functionality is enabled to offer DMA access for virtual machines.
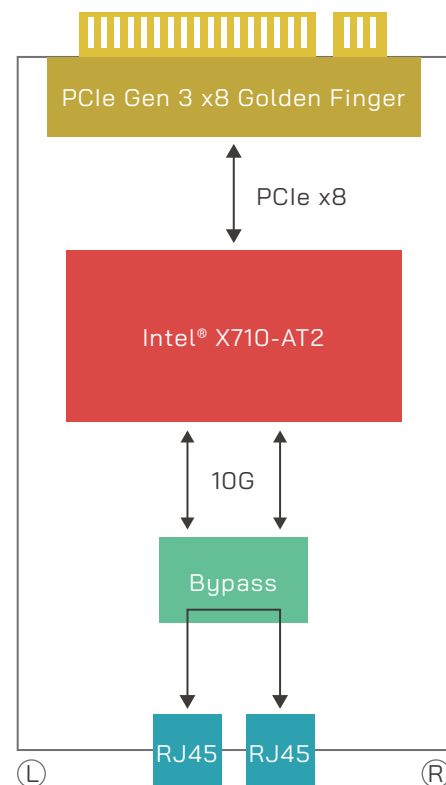
### ▶ Specification

| Platform | |
|---|---|
| Form Factor | AEWIN Expansion Module |
| LAN Controller | 1x Intel® X710-AT2 |
| LAN Switch | - |
| Features | iSCSI, FCoE, VMDq, SR-IOV |
| Ethernet Port | 2x 10GbE RJ45 Ports |
| Bypass | 1 Pair Gen 3 Bypass |
| Bus Type | PCIe Gen 3 x8 |
| Mechanical | Dimension(W x D x H): 74 x 194 x 29 mm<br>Weight(with tray): 340g<br>Weight(without tray): 150g |

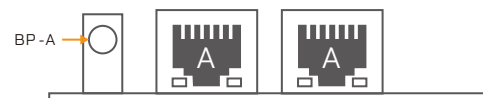| Environmental | |
|---|---|
| Operating Environment | Temperature: 0-45°C(32-113°F)<br>Humidity: 20-90% RH |
| Storage Environment | Temperature: 0 -70°C(14-158°F)<br>Humidity: 5-95% RH @ 55°C |
| OS Support | Windows, Linux, FreeBSD |

### ▶ Order Information

**NCT202A**
1x Intel® X710-AT2,
2x 10GbE RJ45 Copper,
1 Pair Gen 3 Bypass,
Ports Sequence Right to Left

### ▶ Block Diagram



PCIe Gen 3 x8 Golden Finger

PCIe x8

Intel® X710-AT2

10G

Bypass

Ⓛ    RJ45   RJ45    Ⓡ

### ▶ LED



BP-A

| LED | State | | Description |
|---|---|---|---|
| Left LAN LED (LNK/ACT) | Green | 🟩 | Link: Always on<br>Active: Blinking |
| Right LAN LED (Speed) | Green | 🟩 | 10 Gbps data rate |
| | Orange | 🟧 | 1 Gbps data rate |
| Bypass LED | Green | 🟩 | Bypass enabled |

*Networking Mastery*