

NCT404



► Features

- 2x Intel® E610-XAT2
- 4x 10GbE RJ45 ports
- 2 pairs Gen3 bypass
- Supports VMDq, SR-IOV



► Introduction

AEWIN NCT404 Network Expansion Module is built on the Intel® E610-XAT2 controller, supports a PCIe Gen4 interface, and features four 10GbE RJ45 ports with two pairs of Gen3 bypass design.

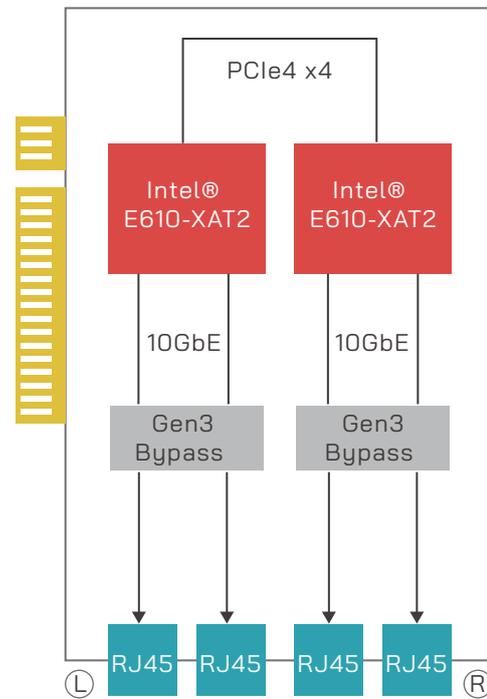
► Specification

Platform	
Form Factor	PCIe FHHL
LAN Controller	2x Intel® E610-XAT2
Features	VMDq, SR-IOV
Ethernet Port	4x 10GbE RJ45 Ports
Bypass	2 Pairs Gen 3 Bypass
Bus Type	PCIe Gen4 x8
Mechanical	
Dimension(W x D x H):	111 x 167 x 29 mm
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	Linux, Windows, Vmware, FreeBSD, UEFI

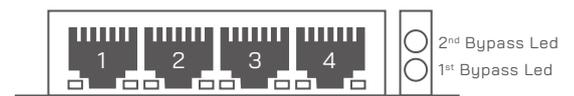
► Order Information

NCT404AL	Expansion module with 4 RJ45 10GbE ports, 2 Intel® E610-XAT2 LAN Controller, 2 pairs Gen3 bypass, Criteria A
NCT404BL	Expansion module with 4 RJ45 10GbE ports, 2 Intel® E610-XAT2 LAN Controller, 2 pairs Gen3 bypass

► Block Diagram



► LED



LED	State	Description
Left LAN LED (LNK/ACT)	Green ■ (Blink)	Active
	Off 	No connection
Right LAN LED (Speed)	Green ■	10Gbps data rate
	Yellow ■	1Gbps data rate