

NFU202AL



► Features

- 1x Intel® E810-CAM2
- 2x 100GbE QSFP28 Ports
- Support ADQ, DDP, DPDK, RDMA, SR-IOV, VMDq



► Introduction

AEWIN NFU202AL Network Expansion Module is built upon the Intel® E810-CAM2 chipset, featuring 2x 100GbE QSFP28 ports. SR-IOV functionality is enabled to offer DMA access for virtual machines, as well as DPDK enabled drivers for enhanced packet forwarding performance. Advanced function such as ADQ, iWARP and RoCE v2 are also available. Capable of supporting PCIe Gen4 x8 connection.

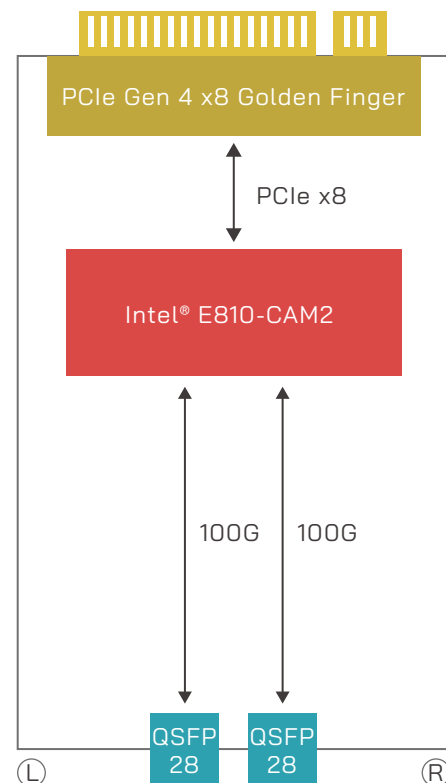
► Specification

Platform	
Form Factor	AEWIN Expansion Module
LAN Controller	1x Intel® E810-CAM2
LAN Switch	-
Features	ADQ, DDP, DPDK, RDMA, SR-IOV, VMDq
Ethernet Port	2x 100GbE QSFP28 Ports
Bypass	-
Bus Type	PCIe Gen 4 x8
Mechanical	Dimension(W x D x H): 74 x 194 x 29 mm
	Weight(with tray): 328g Weight(without tray): 155g
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

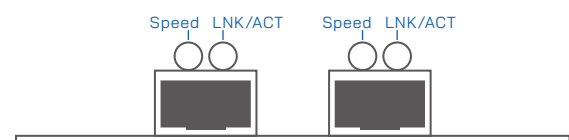
► Order Information

NFU202AL	1x Intel® E810-CAM2, 2x 100GbE QSFP28 Fiber,
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► Block Diagram



► LED



LED	State	Description
Speed	Green	100 Gbps data rate
	Yellow	below 100 Gbps data rate
LNK/ACT	Green	Link: Always on Active: Blinking