NCG401

▶ Features

- 1x Intel® I350-AM4
- 4x 1GbE RJ45 Ports with PoE+
- Support VMDq, SR-IOV

RJ45	PoE+	Bypass	Efficacy

▶ Introduction

AEWIN NCG401 Network Expansion Module is built upon the venerable Intel® I350 chipset, featuring 4x 1GbE RJ45 PoE+ enabled ports that supplies up to 30W per port. SR-IOV functionality is enabled to offer DMA access for virtual machines.
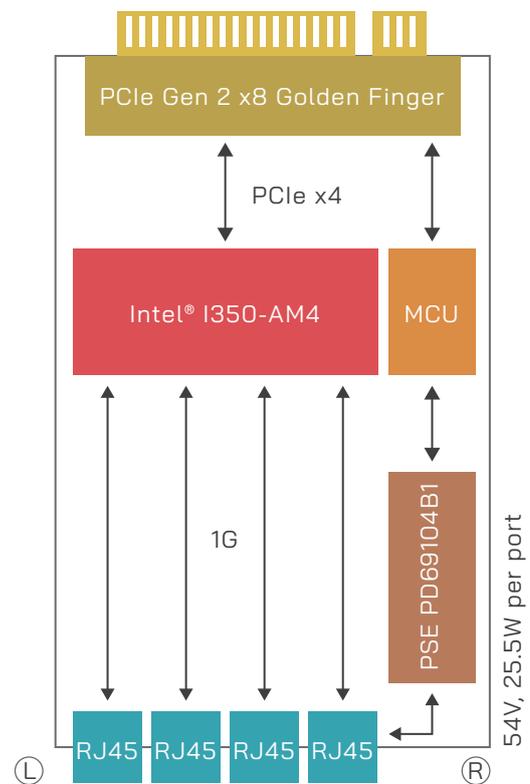
▶ Specification

Platform	
Form Factor	AEWIN Expansion Module
LAN Controller	1x Intel® I350-AM4
LAN Switch	-
Features	VMDq, SR-IOV
Ethernet Port	4x 1GbE RJ45 Ports with PoE+
PoE Protocol	IEEE 802.3at, 54V/30W
PoE Output	54V/25.5W per port
Bypass	-
Bus Type	PCIe Gen 2 x8
Mechanical	Dimension(W x D x H): 74 x 194 x 29 mm Weight(with tray): 365g Weight(without tray): 175g

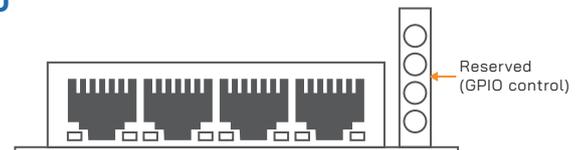| Environmental	
Operating Environment	Temperature: 0-45°C(32-113°F) Humidity: 20-90% RH
Storage Environment	Temperature: 0 -70°C(14-158°F) Humidity: 5-95% RH @ 55°C
OS Support	Windows, Linux, FreeBSD

▶ Order Information

NCG401A
1x Intel® I350-AM4,
4x 1GbE RJ45 Copper with POE+,
Ports Sequence Right to Left

▶ Block Diagram

▶ LED

LED	State		Description
Left LAN LED (LNK/ACT)	Green	🟩	Link: Always on Active: Blinking
Right LAN LED (Speed)	Orange	🟧	1 Gbps data rate
	Green	🟩	100 Mbps data rate
	Off	⬜	10 Mbps data rate or below