



KEY FEATURES

- Intel® Gigabit Ethernet Controllers (up to 2.5GbE)
- PCI Express® x4 compliant
- Supports 4 Gigabit Ethernet MAC Controller and PHY ports
- Supports Power Con 4 pin input power boost up to 60W
- Supports 12V power Con input power boost up to 15W at 50V DC per PoE port
- Supports PoE (Power over Ethernet), IEEE 802.3af compliant per PoE port
- Powered Device (PD) auto detection and classification
- Supports IEEE 802.3u Auto-Negotiation

SPECIFICATIONS

Function	PCIe x4 to 4 x 2.5G PoE LAN Card
Form Factor	PCIe x4 Add on Card
Controller / Major IC	ASM2812
Input I/F	PCIe 2.0 x 4 Power Con 4 PIN +12V
Output I/F	up to 4 x 2.5G RJ45 Ports
TDP	60W
Dimensions (W x L x H/mm)	176 x 111 x 15.1
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40° C ~ 85° C

BLOCK DIAGRAM

