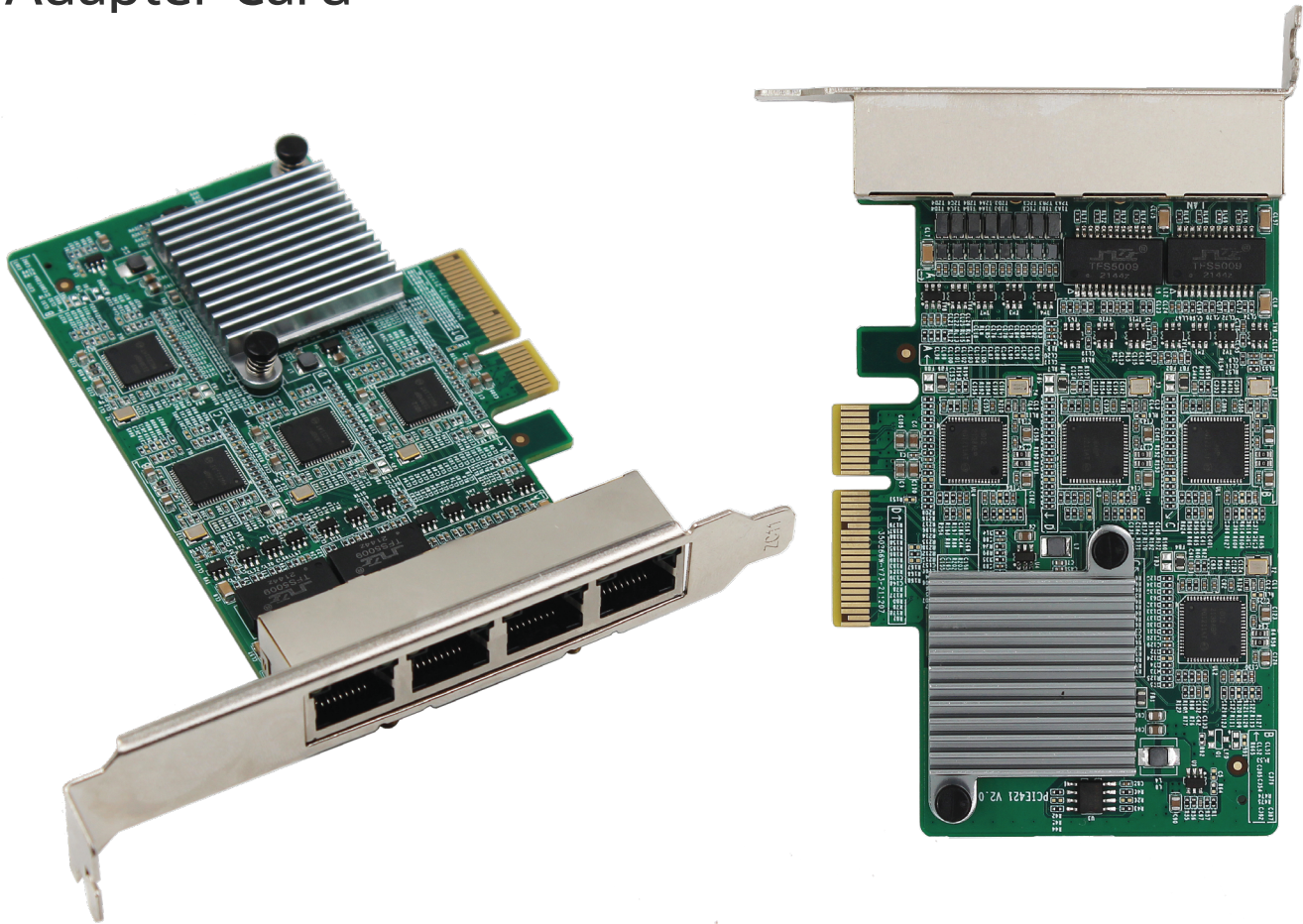


PCIe-421

Intel i211/i210 based 4* Ports Network Adapter Card



Features

- Intel® Ethernet Controller i211/i210 AT chipset
- PCIe Express® 2.0 X2
- Up to 9K jumbo frame support
- IEEE802.3az Energy Efficient Ethernet (EEE)
- MDI(Copper) standard IEEE 802.3 Ethernet interface for 1000BASE-T,100BASE-TX,10BASE-TX
- Add 4* RJ-45 Gigabit Ethernet Ports to client, server or desktop through one PCIe slot



Introduction

The PCIe 421 is a perfect combination of 4 Gigabit controllers, by adding four separate Gigabit network ports to the client, server, or workstation through one PCI Express slot provides connectivity to multiple networks. This Gigabit Ethernet Network card utilizes the Intel i210/i211 chipset delivers powerful connectivity with advanced features such IEEE802.3az for energy saving. The IEEE standards for energy-efficient ethernet so that during periods of low network activity IEEE reduces the power consumption of an Ethernet connection by negotiating with the switch port to transition to a lower power idle state. Compliant with 802.3X/ad/Q standard, it provides an effective upgrade to 4 RJ45 network ports with 10/100/1000Mbps for high-speed connectivity. It also supports IEEE1588 Timestamping enables high precision time synchronization over the Ethernet. The IEEE 1588 specifies the protocol used to ensure that synchronization requirements are met for time-sensitive applications.

This network adapter supports advanced features designed to boost the performance and enhanced capabilities you need for reliable network connections. This versatile four ports PCIe network card is ideal for many embedded applications such as industrial automation, in-vehicle infotainment, medical, print imaging, telecommunications infrastructure, etc. Moreover, its unique, multi-ethernet-port topology structure can largely reduce hardware resources and improve compatibility while several ethernet cards are inserted.

Technical Specifications

Specifications	Model	PCIe-421
	Controller	Intel® Ethernet Controller i211/i210
	Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.3x
	Interfaces Supported	1000Base-T,100Base-TX,10Base-TX,
Connector(s)	1-Connector Type	PCIe Express X2
	4-External Ports	RJ45
Performance	Data Rate Per Port	10/100/1000 Mbps Auto-negotiation
	Interface	RJ45 Gigabit Ethernet
	Jumbo Frame Support	Yes, up to 9KB
	IEEE1588/802.1AS	Yes
	Full Wake up support	Yes
Power	MAC/PHY	Yes, MAC/PHY Power Management Controls
	Consumption	1W Max.
Environmental	LED Indicator	1000M Link/Act,100M Link/Act,10M Link/Act,
	Operating Temperature	0°C to 50°C
	Storage Temperature	-40°C to 70°C
	Humidity	10% ~ 90% RH
Software	OS Compatibility	Window7/8/10/11, Linux,

* All specifications and photos are subject to change without notice.