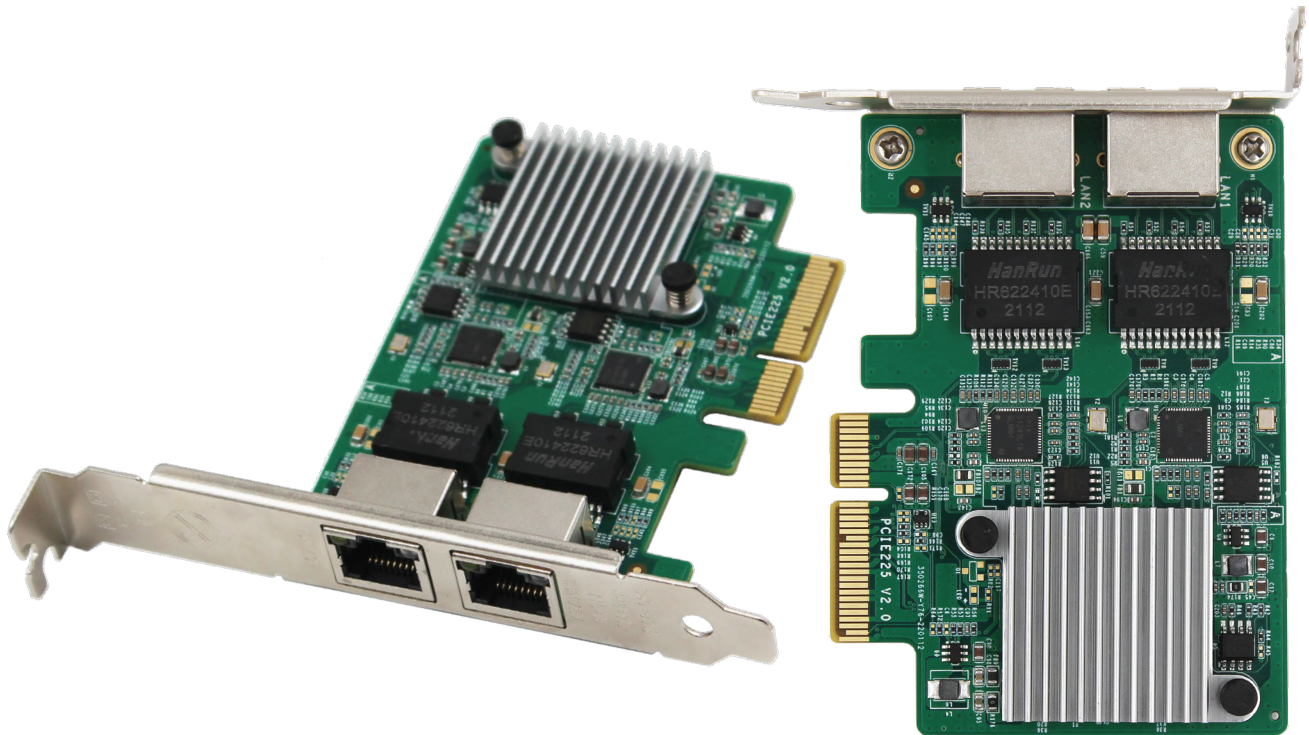


PCIe-225

Intel i225 based 2* Ports Network Adapter Card



Features

- Intel® Ethernet Controller i225
- PCI Express® 3.1 X2
- Up to 9K jumbo frame support
- IEEE802.3 Energy Efficient Ethernet (EEE)
- Dual ports 10/100/1000/2.5G BASE-T(X) Copper
- Environmentally friendly, low power, low cost



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Introduction

The PCIe-225 is a perfect combination of two Intel controllers i225 by adding two ethernet ports to the client, gaming, server, or workstation through a PCI Express slot that requires more bandwidth than ever before. It provides an effective upgrade to two RJ45 network ports with a maximum of 2.5 Gb/s for high-speed connectivity in addition to 1Gbps, 100Mbps, and 10Mbps network speeds without the need to overhaul existing cabling infrastructure. Simplifying technology transitions with auto-negotiation between port speeds provides maximum flexibility.

The Ethernet network adapter utilizes the Intel i225 series chipset delivers powerful connectivity with advanced features such IEEE802.3 for energy saving. The EEE standards for energy-efficient ethernet so that during periods of low network activity EEE reduces the power consumption of an Ethernet connection by negotiating with the switch port to transition to a lower power idle state. This versatile two ports PCIe network card is ideal for various applications. Moreover, its unique, multi-ethernet-port topology structure can largely reduce hardware resources and improve compatibility while several ethernet cards are inserted. **(Attention: once the MAC address is updated to a unique value, it cannot be changed afterward)**

Technical Specifications

	Model	PCIe-225
	Controller	2x Intel® Ethernet Controller i225
Connector(s)	Compliant Standards	IEEE 802.3, IEEE 802.3x and IEEE 802.3z
	Bus Type/Bus Width	PCI Express 3.1 X2
	External Ports	2x RJ45 Compatibility with cable lengths up to 100 meters using CAT5e, CAT6, or CAT6A
Performance	Data Rate Per Port	2.5/1GbE and 100/10Mbps
	Interface	RJ45 Gigabit Ethernet
	Jumbo Frame Support	Support for packets up to 9 KB (Jumbo Frames)
	PXE	Support Preboot Execution Environment (PXE)
	Full Wake up support	Advanced Power Management(APM) support, formerly Wake on LAN, LAN1 only
Environmental	MAC	Advanced Configuration and Power Interface (ACPI) specification v2.0c Power management controls in the MAC/PHY enable the adapter to enter a low-power state.
	LED Indicator	2500M Link/Act,1000M Link/Act,100M Link/Act,10M Link/Act,
	Operating Temperature	0°C to 55°C
	Storage Temperature	-40°C to 70°C
	Storage Humidity	Maximum: 90% non-condensing relative humidity at 35°C
Physical Dimensions	PCB	93mm X 68mm
Software	OS Compatibility	Window 10, Linux,

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