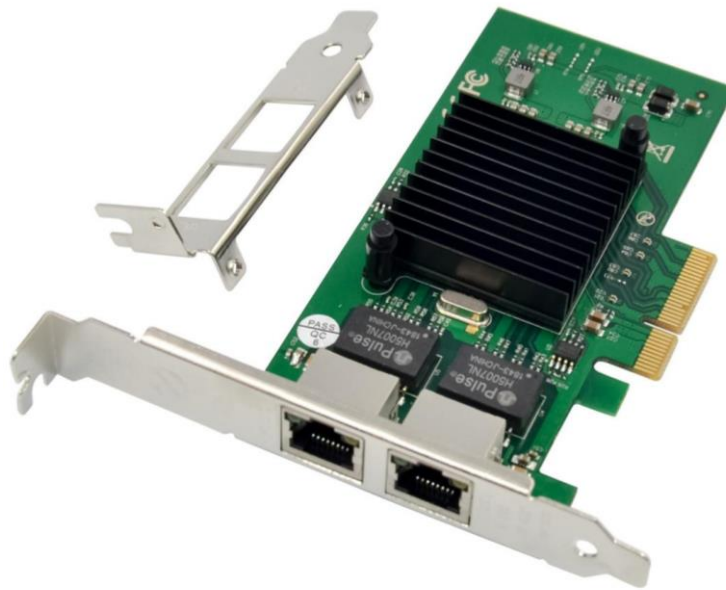


PCIe x4 to 2-PORT GIGABIT ETHERNET CARD- INTEL CHIPSET (ER3014)



Introduction:

This PCI Express x4 dual 1GbE Network card adopts a high-performance gigabit network controller Intel JL82576/JL82575 chipset. By providing unparalleled features of virtualization, flexible features, and proven reliable performance, it solves the high requirements of the generation data center. It has dual 1Gbps RJ45 port which can setup a long-distance link with a file server or a remote workstation.

Product Highlights:

- PCI-Express host interface specification v2.0 with 2.5GT/s BUS width
- Complies with PCI Bus Power Management Interface Specification Rev1.2
- PCI-Express lanes: x4
- Complies with dual port 1GbE RJ45 port
- Complies with the IEEE802.3ab IEEE802.3u and IEEE802.3 specifications
- Half duplex at 10/100Mbps operation and full duplex operation at all supported speeds
- Layer 2 functions: IEEE 802.3x Flow Control - IEEE 802.1q VLAN
- Supports Receive-side scaling (RSS)
- Supports IPv 4, IPv 6 protocols
- Supports Jumbo Frames up to 9.5K
- Supports UDP.TCP and IP Checksum offloading
- Statistics for management and RMON
- Support for virtual machines device queues



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- Next Generation VMDq Support (8VMs)
- Interrupt throttling control to limit maximum interrupt rate and improve CPU usage
- Drivers support for FreeBSD, Linux , VMWare ESXi, Win7/ Win-server2012/ Win-server2008/ Win8/Win8.1/Win-server2016/win10

Technical Specifications:

Brand	EiRA
SKU Code	ER3014
Product model	PCIe x4 to 2-Port Gigabit Ethernet Card (Intel chipset)
Chipset	Intel 82576/Intel 82575
Form Factor	Plug-in Card with Small Form Factor Support
Small/Low Profile Bracket	Provided
PCISpecification Revision	PCIe 2.0
PCI-Express Transfer Rate	2.5 GT/s
Input Bus Interface	PCI Express x4 - Compatible with x4/x8/x16 slots
Output Interface	2 x 1Gbe RJ-45 Ethernet ports
Data Transfer Rate	10/100/1000 Mbps half-duplex 20/200/2000 Mbps full-duplex
Dimensions	108 x 69 mm (PCB Size)
Weight	73g
System supported	Drivers support for FreeBSD, Linux , VMWare ESXi, Win7/ Win-server2012/Win-server2008/Win8/Win8.1/Win10/Win11/ Win-server2016/
Warranty*	1 year

Package content:

- 1 x PCIe Network card
- 1 x User's Manual
- 1 x CD Driver
- 1 x Low profile bracket

System Requirements:

- FreeBSD, Linux, VMWare ESXi, Win7/ Win-server2012/ Win-server2008/ Win8/Win8.1/Win-server2016/win10
- Available PCI Express x4/x8/x16 slot