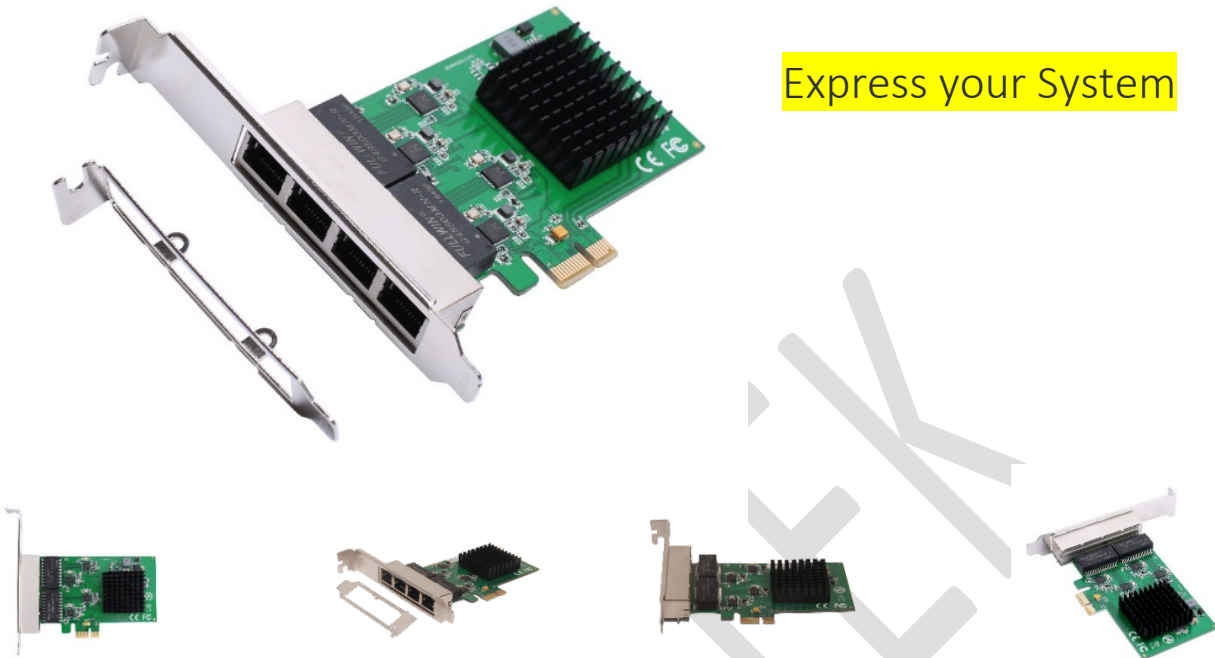


PCI-E TO 4-PORT GIGABIT ETHERNET CONTROLLER CARD ER1014

Express your System



Product Highlights:

- This card is a High-Performance 10/100/1000 BASE-T Ethernet LAN controller, supports the PCI Express 1.1 bus interface for host communications with power management, and is compliant with the IEEE 802.3u specification for 10/100 Mbps Ethernet and the IEEE 802.3ab specification for 1000 Mbps Ethernet. It also supports an auxiliary power auto-detect function and will auto-configure related bits of the PCI power management registers in PCI configuration space and is perfectly to convert the PCI-Express interface into Four Gigabit Ethernet ports.
- Microsoft NDIS5, NDIS6 Checksum Offload (IPv4, IPv6, TCP, UDP) and Segmentation.
- Task-offload (Large send v1 and Large send v2) support.
- Supports EMAC-393 ECMA Proxy Standard for sleeping hosts.
- Supports Full Duplex flow control (IEEE 802.3x).
- Supports jumbo frame to 9K bytes.
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Supports IEEE 802.1P Layer 2 Priority Encoding.
- Supports IEEE 802.1Q VLAN tagging.
- Supports IEEE 802.3az-2010 (EEE).
- Supports power down/link down power saving/PHY disable mode Built-in

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switching regulator.

- Supports PCI MSI (Message Signaled Interrupt) and MSI-X.
- Supports quad core Receive-Side Scaling (RSS).
- Supports Protocol Offload (ARP & NS).
- Supports pair swap/polarity/skew correction.
- Crossover Detection & Auto-Correction.
- Wake-on-LAN and remote wake-up support.
- Supports Four 1-Lane 2.5 Gbps PCI Express Bus.
- Supports hardware ECC (Error Correction Code) function.
- Supports hardware CRC (Cyclic Redundancy Check) function.

Technical Specifications:

| | |
|-----------------------------------|---|
| Brand | EiRA |
| SKU Code | ER1014 |
| Product model | PCI-Express 4-port Gigabit Ethernet Controller Card |
| Chipset | RTL8111 |
| Form Factor | Plug-in Card with Small Form Factor Support |
| Small/Low Profile Bracket | Provided |
| PCI Specification Revision | PCIe Base Spec. 2.0 and backward compatible Spec. 1.1 and 1.0a |
| PCI-Express Transfer Rate | PCIe x 1 lane with 2.5 Gb/s Full Duplex channel |
| Input Bus Interface | PCI Express-Compatible with x1/x4/x8/x16 slots |
| Output Interface | 4 × RJ-45 Ethernet port |
| Data Transfer Rate | 10/100/1000 Mbps data rate auto negotiation operation |
| Dimensions | 116 x 120 x 19 mm |
| Weight | 80 gms |
| System supported | Windows 10, 8.1, 8, 7, Vista, XP, 2000, NT 4.0, Server 2003 Linux kernel 2.6 or later, DOS |
| Warranty* | 1 year |