

PDSi – Pinnacle Data Systems, Inc.

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www.pinnacle.com**Pinnacle
Data
Systems,
Inc.****XMC-GBX4 Quad Gigabit Ethernet Adaptor**

The Quad Gigabit Ethernet XMC is a high-performance, low-latency network adaptor providing four high-speed Ethernet interfaces for use with VITA 42.3 compatible VME, CompactPCI®, AdvancedTCA®, and PCI Express processor boards. It is available in three configurations offering a mix of front and rear port access.

The wide internal data paths eliminate performance bottlenecks. The parallel and pipelined logic architecture is optimized for Gigabit Ethernet and efficiently handles packets with minimum latency. Using widely accepted Intel 82571EB Ethernet controllers, this adaptor offers up to four 10BASE-T/100BASE-Tx/1000BASE-T copper ports with front-mounted RJ-45 connectors and full status indicators. Alternatively, up to four SERDES ports are accessible through the Pn4 connector for use via an appropriate copper or fiber-based rear transition module.

**FEATURES**

- › Quad Gigabit Ethernet interfaces – Copper or SERDES
- › Up to four 10BASE-T/100BASE-Tx/1000BASE-T ports with RJ-45 front connectors with status indicators
- › Up to four rear-accessible SERDES ports via Pn4
- › Low-latency data handling
- › Efficient packet prioritization
- › Enables use of jumbo frames
- › Maximum system performance and throughput
- › Windows, Linux, and Solaris x86 support
- › VITA XMC-compliant interfaces for high bandwidth
- › Customization and 3rd party integration welcomed, extended availability assured

For more information, contact: info.sales@pinnacle.com**RSC# 41919 @ www.compactpci-systems.com/rsc**