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Find the *Abaco Systems / VMIC VMIPMC-6101-100* at our website: ***Click HERE***

VMIPMC-6101
PMC-Based Gigabit Ethernet Adapter

- Standard features
  - — PCI mezzanine card (PMC)-based Gigabit Ethernet adapter
  - — 1000T CAT5 copper interface via front panel RJ45 connector
  - — IEEE 802.3/802.3x/802.3z/802.3ab compliant
  - — 64-bit/66 MHz interface for optimum performance
  - — 64 Kbyte packet buffer
  - — PCI revision 2.2 compliant
  - — Universal PMC signaling operation

INTRODUCTION — The VMIPMC-6101 is a PMC-based Gigabit Ethernet adapter. This product is ideal for applications requiring 1000T Ethernet. This VMIPMC-6101 can operate at 10, 100, or 1,000 Mbit/s rates using CAT5 twisted-pair cables.

The VMIPMC-6101 uses the Intel® 82543GC Gigabit Ethernet MAC. The 82543GC provides a 32-/64-bit, 33/66 MHz interface compliant to PCI Rev. 2.2. It also has a 64 Kbyte packet buffer to maintain high performance. A CAT5 copper 1000T interface is provided via the PMC front panel using a RJ45 connector. Drivers are available for download, making the VMIPMC-6101 easy to integrate with single-board computer (SBC) products, such as VMIC's VMEbus and CompactPCI® offerings.

Gigabit Ethernet adapters help servers in organizations to address the demanding bandwidth requirements of evolving networks and data centers supporting the latest e-business and Internet applications.

FUNCTIONAL CHARACTERISTICS

PMC: Universal +5 V and + 3.3 V PMC (PCI) signaling is supported

PHYSICAL/ENVIRONMENTAL

Temperature: 10 to 50 °C operating range

Relative Humidity: 10 to 90 percent (noncondensing) recommended operating range

ELECTRICAL CHARACTERISTICS

PMC Power: + 5 V, TBD maximum

PMC Signaling: Universal 3.3 or 5 V, 32-/64-bit, 33/66 MHz



SOFTWARE

Windows NT®/Windows® 2000, Linux, and Solaris drivers supported.

NETWORK CONNECTIONS

RJ45 CAT5 copper connector

— 100 meters maximum cable length

TRADEMARKS

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Ordering Options								
May 24, 2001 800-756101-000 B		A	B	C	–	D	E	F
VMIPMC-6101	–	0	0	0	–			
ABC = 000 (Options reserved for future use)								

For Ordering Information, Call:
1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859
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