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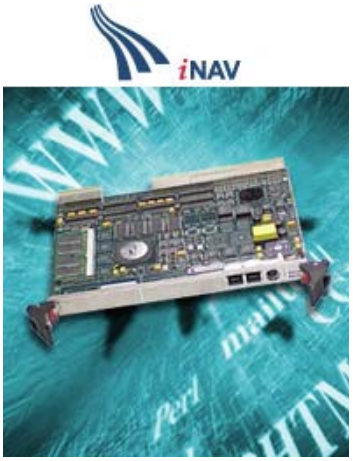
Technical Support Services

iNAV 4000 CompactPCI Network Processor Card

Industry's First Network Processor Card for PICMG 2.16 Gigabit Ethernet Backplanes

Features:

- Purpose-built for 3G wireless and converged NGN applications
- Wintegra™ WinPath™ Network Processor
  - Revolutionary single-chip for high-end access networking equipment including base stations and media gateways
- Dual 10/100BaseT (front/rear) or 1000BaseT (front) Ethernet ports (rear access via rear transition module)
- General Purpose PowerPC™ 740 RISC processor @ 500MHz for card management and upper layer protocol termination of part of the data traffic
- Dual front access PMC expansion sites supporting Interphase *i*SPAN PMC controllers
  - OC-3/STM-1
  - OC-12/STM-4
  - Fast Ethernet
  - Gigabit Ethernet
- Dual rear access PIM sites via RTM
- Automatic Protection Switching (APS) for path guarantees
- Automatic Protection Switching (APS) for network resiliency
- Supports interworking of multiple protocols including ATM (AAL0, 2, 5), POS, TDM and Ethernet for the control and bearer paths
- Standalone capability for ability to operate without a host computer on the backplane
- Compliance to CompactPCI® standards
  - PICMG 2.9 System Management including compliance to IPMI v1.0
  - PICMG 2.15 PCI Telecom Mezzanine Card (PTMC)
  - PICMG 2.16 CompactPCI Gigabit Ethernet Packet Switching Backplane (CPSB)
- Easy-to-program uniprocessor architecture
- 6U CompactPCI blade operating in a single slot



Other iNAV Network Processor Cards Products

- Low power consumption
- POS (Packets over SONET) capable

Overview

Targeted for user plane applications, the new ***i***NAV™ 4000 is the industry's first network processor card that is fully compliant to PICMG 2.16 Gigabit Ethernet CompactPCI Packet Switching Backplane (CCPSB) standards. When combined with Interphase ***i***SPAN communications controllers, the ***i***NAV 4000 network processor is designed to meet the needs of both circuit switched and packet switched networks with a gateway-on-a-card solution. The ***i***NAV 4000 provides an essential interworking function between TDM, ATM and Ethernet networks, and allows for a cost-effective, high-performance, standards-based solution for the 3G wireless network elements being built today.

By providing technology-bridging functionality, the network processor card handles system-level functions on a single slot, delivering reduced time to market, reduced footprint, and decreased development costs. Specifically in ATM-based 3G wireless networks, the architecture of the ***i***NAV 4000 achieves unparalleled levels of performance in ATM Adaptation Layer 2 (AAL2) packetized voice, ATM Adaptation Layer 5 (AAL5) packetized data and Ethernet protocol processing to provide a seamless IP bridge between ATM and Ethernet networks.

Request Additional *i*nformation

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