

NVTP1001 – new version with IPMI support !



N.A.T. offers the NVTP1001 enhanced SBC as open integrated infrastructure platform with IPMI support for PICMG 2.5, 2.9 and 2.16 compatible systems.

Sankt Augustin, Germany – March 14th, 2005 - N.A.T. the specialist in high performance connectivity products for data and communication solutions today introduces the NVTP1001 infrastructure platform in compact PCI (cPCI) format providing exceptional flexibility and functionality.

The NVTP1001 has been designed to meet the requirements of next generation networks and today's 2.5 and 3G wireless and broadband applications.

The intelligent board is controlled by the onboard Motorola MPC8280 PowerQUICC II™ processor running at 450MHz and thus delivering a performance of up to 850MIPS. The fully hot-swappable NVTP1001 is available as system host or peripheral slave and fulfills High-Availability requirements. Beside the onboard resources for PICMG 2.5 (H.110) and PICMG 2.16 (packet backplane) the new NVTP1001 has been equipped with an PICMG 2.9 (IPMI – system management) interface.

Like its predecessor the NVTP1001 has two onboard PMC sides, both supporting Telecom PMCs (PTMC) and Processor PMCs (PrPMC). The onboard Central Switching Resource also caters for applications using PMCs with special or proprietary pin-out. The onboard Gigabit Ethernet (1000BaseT) controller provides access to copper or optical Ethernet based networks.

“We have clear demands from our customers for higher performance and faster integration of standard-based systems to their specific environment. There is a strong tendency to move functionality that is common to many interfaces in a system from these interface platforms to a multi-purpose carrier board that supplies this infrastructure. The NVTP1001 is designed around this concept and provides a comprehensive and easily integratable solution to our customers.” says Heiko Körte, N.A.T.'s Director of Marketing and Sales.

Unlike other communication platforms in this segment of the market, this board can be equipped with its own real-time operating system kernel OK-1 (Open Kernel 1) offering system builders considerable cost savings. Alternatively standard BSPs for operating systems such as VxWorks and LINUX are available. Importantly, from the customers point of view, extensive operating system independent software support is available for the NVTP1001 using different Communication Support Packages, e.g. the Telecom Support Package.

About N.A.T.

N.A.T. offers a wide product range in data and telecommunication for bus-standards and industrial systems as CompactPCI, PMC, PCI, VMEbus, Industry Pack, M-Modules and many others. This product offering is completed by various software protocol stack solutions in the area of local and wide area network protocols, which are adapted to the different hardware platforms of N.A.T.. For more information visit N.A.T. web site at: www.nateurope.com.

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