



## New multiple E1/T1/J1 AMC module for uTCA and ATCA systems

**Sankt Augustin, Germany** – January 10th, 2006 - N.A.T. the specialist in high performance connectivity products for data and communication solutions today announces the availability of its PowerQUICC III based telecom NAMC-8560-xE1/T1/J1 – a next generation's telecommunication interface board in AMC (Advanced Mezzanine Card) form factor.

The NAMC-8560-xE1/T1/J1 is targeted at telecom applications with extensive need for a high aggregation of multiple E1/T1/J1 interfaces combined with access to switched networks based on high bandwidth Ethernet. The module has been optimized to process standard telecom signalling protocols like SS7 as well as special payload handling algorithms in next generation's systems based on the AMC or ATCA standards.

By the extremely powerful Freescale Power QUICC III MPC8560 (core frequencies up to 1GHz) and N.A.T.'s most sophisticated TDM-to I-TDM converter the NAMC-8560-xE1 connects the onboard 8 or 16 (optional) E1/T1/J1 interfaces (available at front panel) with a Gigabit Ethernet Port for system interconnect (I-TDM). For access to LANs the NAMC-8560-xE1 offers two more 1000BaseT Ethernet ports, one at the front panel and another one at the common options region (Type P Control Path) of the AMC connector.

In addition to the I-TDM interface as a breaking-through feature the NAMC-8560-xE1 incorporates the next generation of N.A.T.'s FPGA based TDM switching matrix, offering a 32Mhz clocked H.110-like TDM interface on the AMC extended connector region. Moreover, utilizing the User I/O pins of the AMC extended connector the NAMC-8560-xE1 also provides E1/T1/J1 as rear I/O via a transition module.

The NAMC-8260-xE1 connects to the uTCA backplane or ATCA carrier by a 4 lane PCI-Express interface.

Extensive software support makes the NAMC-8560-xE1 an ideal choice for any voice/data application in any signalling or VoP solution such as in ISDN, SS7, ATM, VoIP or 3G environments.

### **About N.A.T.**

N.A.T. offers a wide product range in data and telecommunication for bus-standards and industrial systems as AMC, uTCA, 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](http://www.nateurope.com).

### **Contact:**

Heiko Körte  
Director Sales and Marketing  
Gesellschaft für Netzwerk- und Automatisierungstechnologie mbH (N.A.T.)  
+49 2241 3989 0  
[sales@nateurope.com](mailto:sales@nateurope.com)

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