

*PRESS RELEASE – FOR IMMEDIATE DISTRIBUTION*

Comtel Electronics Expands ATCA Offering with Front to Rear Cooling Chassis

*Enables ATCA platform developers to support Telecom and Shipboard applications demanding Front to Rear cooling*

San Diego, CA and Munich, Germany. [October 28, 2009] – Comtel Electronics, GmbH, a global leader in embedded computer packaging, today announced a new cooling concept for small form factor 5-6 slot AdvancedTCA® (ATCA®) based embedded computing chassis.

The new cooling supports front intake and rear exhaust making it ideal for applications that don't have air available on the sides of the chassis. Front to rear cooling addresses a growing demand for telecom and shipboard applications where the rack space is limited and fresh air is available only at the front. Comtel's initial offering is a 6-slot DC input in a 7U high chassis. It supports ATCA compliant blades and provides full shelf management as well as reduced shelf management for cost sensitive applications.

“Our customers have tried to work around this issue for years,” says Berthold Michels President of Comtel Electronics, GmbH. “In many applications, the side intake area just isn't available and this starves the blades for air. We expect to enhance Front to Rear cooling designs to handle the new higher power blades as well.”

New ATCA 7U 6-Slot Front to Rear Cooling Shelf

The CO6N-DC is an ATCA shelf, 7U high, 6 blade/RTM, with integrated Power Entry Modules (PEM's) and ATCA compliant Shelf Management modules. Comtel's Backplane technology supports a high power P1 section to handle today's power hungry ATCA blades. The high speed ATCA backplane is Full Mesh and supports greater than 10Gbps. Custom versions are easily supported by contacting Comtel to discuss your application.



[More information on Comtel's ATCA chassis is available here.](#)

## Comtel's Embedded Packaging Strategy

Comtel has a broad product family strategy scaling from low profile ATCA chassis for only 1 blade (appliance applications) to 14-slot central office platforms. The horizontal platforms are available in 2-slot DC, 2-slot AC/DC, 5-slot DC, 5-slot AC/DC, and 6-slot solutions. The vertical platforms are available in 14 and 16-slot solutions. Comtel has in-house development and support of ATCA shelf management and offers low cost "simple shelf manager" solutions for smaller slot sizes that need to bring shelf management in line with the other system costs.

### About Comtel Electronics, GmbH

Comtel Electronics, GmbH, is a global leader in embedded system packaging. Emerging from the heart of chassis and enclosure design region of Germany, Comtel brings 16 years of design and fabrication experience into their products. Comtel has operations in Germany, Israel, and integration partners in the US. For more information on Comtel's embedded computing products and services including ATCA®, MicroTCA®, CompactPCI®, VMEbus, for original equipment manufacturers and systems integrators in the telecommunications, industrial, aerospace/defense and medical markets, visit <http://www.comtel-online.com/>.

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