

PRESS RELEASE – FOR IMMEDIATE DISTRIBUTION

Comtel Electronics Expands AdvancedTCA Chassis Portfolio

Enables ATCA platform developers to increase blade power dissipation in telecom systems and utilize new higher power blades

San Diego, CA and Munich, Germany. [October 28, 2009] – Comtel Electronics, GmbH, a global leader in embedded computer packaging, today announced general availability of its expanded portfolio of AdvancedTCA® (ATCA®) based embedded computing chassis.

The new flagship 14-slot chassis enhancing Comtel's ATCA product family is a marriage of the highly successful Rittal 13U cooling and Comtel's cost effective shelf management and controller electronics. As the ATCA market continues to grow due to the increased popularity of video on demand, IPTV and embedded databases, the Comtel 14-slot chassis will provide a stable, cost effective alternative.

"We've seen a consolidation in ATCA suppliers and combining Rittal and Comtel is a natural fit to leverage our engineering strengths. Comtel's engineering and software team contributed the shelf management and power solutions and Rittal contributed chassis mechanics and excellent cooling with their RiCool Blowers," said Berthold Michels, President of Comtel Electronics, GmbH. "Customers want less complexity with proven performance. Our new 14-slot ATCA platform will deliver cooling for 300 Watts per slot in a cost effective solution. The same platform is available with a 40Gbps high performance Full Mesh backplane, one of the first in the industry."

New ATCA 13U 14-Slot Shelf

The CO14N-DC is an ATCA shelf, 13U high, 14 blade/RTM, with integrated Power Entry Modules (PEM's) and ATCA compliant Shelf Management modules. Comtel's unique Split Backplane technology supports a high power P1 section to handle today's power hungry ATCA blades. The separate high speed ATCA backplane has very different requirements which can be met more effectively by eliminating the influences of the power section. The result is one of the first 40Gbps backplanes available in the ATCA market. The Split Backplane enables us to easily support different fabric requirements and are available in Dual Star – 10Gbps, Full Mesh – 10Gbps, and Full Mesh – 40Gbps. Custom versions are easily supported by contacting Comtel to discuss your application.



Rittal's Ri-Cool blowers provide redundant cooling in NEBS environment up to 305 Watts per slot. Previous customers of the Rittal or Kaparel chassis can make a simple transition from one supplier to another. Initial product supports the Pigeon Point ShCM-500. Also, Comtel will provide support for Rittal's Alarm Card option and offer in the original stainless steel or painted black.

[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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