

JumpGen Introduces 10Gbps XAUI MicroTCA Development Platform

The XAUI MicroTCA Development Platform Supports JumpGen's PrAMC line

Carlsbad, Calif., June 8, 2009 – JumpGen Systems today announced a XAUI MicroTCA Development Platform (MTCA-X100) to enable customers to begin development quickly with JumpGen's PRM-100, T6M-100, and TPM-100 AdvancedMC™ (PrAMC) product line supporting 10Gbps Ethernet fabric (fatpipes) connections. JumpGen Systems is working with partners MicroBlade and N.A.T. to configure a highly functional and cost effective MicroTCA development platform for JumpGen customers.

"The MTCA-X100 provides a compact, cost effective MicroTCA solution that supports all AMC Connector I/O with a single MCH. Typical MicroTCA solutions only support half the AMC I/O with a single MCH and rely on a second MCH to access the full capabilities of our AMCs." said Harry White, JumpGen Systems President and CEO. "The MTCA-X100 provides access to all the features and performance capabilities of JumpGen's XAUI Fabric PrAMC products in a 1U chassis. And our customers are able to deploy highly available, redundant MicroTCA solutions by deploying multiple 1U MicroTCA systems connected via Ethernet."

"The JumpGen XAUI MicroTCA Development Platform is a great example of how MicroBlade is working with strategic partners to provide solutions that are application ready." said Mike Franco the President of MicroBlade and the Chairman of the PICMG technical committee for MicroTCA. "As a MicroTCA system platform provider, MicroBlade works with strategic partners and OEMs to provide engineered solutions that meet their exact needs. In this specific case, MicroBlade worked with JumpGen to provide a system platform solution with a custom backplane to provide a "plug and play" solution that offers optimal performance at a great value."

MTCA-X100 Features

- 1U MicroTCA Chassis with 6 Mid-Size AMC Sites, 1 Power Module and 1 MCH
- Backplane routing to MCH bay switches supports Dual 10GigE interfaces AMC.2 Type 6 and Dual GigE interfaces (AMC.2 Type E2) on each AMC bay and AMC.3 Point to Point routing between AMC sites
- MicroBlade, LLC Panther 380W Power Module with -48V DC input power is based on state of the art FPGA and advanced technologies for energy management and remote monitoring, diagnostics, software updating and reconfiguration.
- NAT-MCH-Base12-XAUIx48 providing Shelf Management and backplane switching for 12 GigE control plane and 12 (x4) 10GigE (XAUI) ports, 2 each per AMC site with NATView
- Supports Full-Size AMC configurations but each Full-Size AMC Site displaces 2 Mid-Size.
- RoHS-compliant

Availability

The MTCA-X100 is shipping to select customers now and will be generally available in Q3, 2009.

About JumpGen Systems:

JumpGen Systems is an agile, innovative supplier of embedded computing solutions. JumpGen Systems features an experienced team of engineers to define, develop and deliver critical embedded computing products for our customers. JumpGen's team has a successful track record in bringing new embedded processor solutions to market, quickly and cost-effectively. The JumpGen Systems team has delivered production solutions to embedded customers in industry standard form factors such as AdvancedMC, AdvancedTCA, CompactPCI®, PMC, XMC, and VME form factors as well as custom, proprietary solutions. JumpGen Systems is a privately held company headquartered in Carlsbad, California. JumpGen Systems is an Executive Member of PICMG®. For more information, visit www.JumpGen.com

JumpGen Systems Contact:

Harry L White, President
Telephone: 760-931-7800
Email: hwhite@jumpgen.com