

## JumpGen Systems Announces ATCA Blade Featuring Dual Quad-Core Processors from Intel

The PRA-200 AdvancedTCA® Supports 1 or 2 Intel® Xeon® Processors and Dual 10Gbps Fabric Links

**Carlsbad, CA September 15, 2008** – JumpGen Systems today announced the PRA-200, an AdvancedTCA (ATCA) node blade supporting Intel® Xeon® processors coupled with the power-optimized Intel® 5100 Memory Controller Hub (MCH) chipset operating with up to 1333MHz Front Side Bus. The PRA-200 features dual 10Gbps fabric interfaces and may be deployed with 1 or 2 quad-core processors to host high-bandwidth embedded communication applications. The PRA-200 design may be configured with an AdvancedMC™, PMC, or SATA HD expanding customer deployment options. The PRA-200 is one of several JumpGen products that support 10Gbps fabric addressing growing market requirements for IP networks.

"The PRA-100 is our first ATCA board and we see a growing demand for Intel processor solutions in standards based and proprietary form factors. Secure IP communications and multi-gigabit packet processing in communications, military, and commercial markets are demanding more and more processing power." said Harry White, JumpGen Systems President. "The PRA-100 offers the latest Intel processor technology combined with their power efficient MCH and I/O Controller Hub to offer a high performance ATCA CPU blade that will work within the traditional ATCA power limit of 200 watts."

"JumpGen Systems is a leader in AdvancedTCA product development and is expanding the ecosystem for PICMG® 3.0 R3.0 and PICMG® 3.1 R1.0 compliant products. We are pleased that JumpGen Systems is a PICMG Executive Member and is developing new products based on PICMG standards," said Joe Pavlat, President of PICMG, the open standards consortium."

### PRA-200 Features

- 1 or 2 low-power Intel® Xeon® processor L5408 (quad-core) running up to 2.13GHz or Intel® Xeon® processor L5238 (dual-core) up to 2.66GHz or other Intel® Xeon® processors 5400, 5300, 5200, and 5100 Series
- Intel® 5100 Memory Controller Hub supporting Front Side Bus up to 1333MHz
- Up to 32GB of ECC DDR2 memory running at 667MHz
- Up to 16GB of SSD (also useable as persistent memory)
- PICMG® 3.1 Dual 10GigE ATCA Fabric Interfaces (Option 9); also functions as 1GigE (Option 1)
- Dual GigE ATCA Base Interface
- AdvancedMC™, PMC, XMC or SATA HD expansion options
- Front Panel I/O includes 10/100/1000BaseT Ethernet, RS-232 Serial, and USB
- RoHS-compliant

### Availability

The PRA-200 is shipping to select customers in Q3, 2008 and will be generally available in Q4, 2008.

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### 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 and an employee-owned company headquartered in Carlsbad, California. JumpGen Systems is an Executive Member of PICMG® and a General Member of the Intel® Embedded and Communications Alliance. For more information, visit [www.JumpGen.com](http://www.JumpGen.com)

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