

JumpGen Systems Introduces new AMC based on the Intel® Core™ i7 Processor

The PRM-121 features the Intel® Core™ i7-620LE Processor running at 2.0 GHz with performance-boosting Intel® Turbo Boost and Intel® Hyper-Threading Technologies

Carlsbad, CA January 7, 2010 – JumpGen Systems today announces the PRM-121, an AdvancedMC™ (PrAMC) processor board featuring the 32nm Intel® Core™ i7-620LE processor running at 2.0 GHz and the Mobile Intel® QM57 Express chipset with 2GB of ECC DDR3 memory running at 1066MHz. The PRM-121 has 2 GigE links and 2 SATA channels routed to the AMC connector. The Intel® Core™ i7-620LE is available with integrated accelerators that support Intel® Turbo Boost and Intel® Hyper-Threading Technologies.

"The PRM-121 is one of the industry's first PrAMC processor boards featuring the Intel® Core™ i7 Processor and is a result of Jumpgen's focus and commitment to a family of Embedded Single Board Computers based on the Intel® Core™ i7 processor family. This blade has been the direct result of requests from TEMs for higher processing and memory speeds at reasonable prices in medium volume telecom applications," said Harry White, JumpGen Systems President. "The PRM-121 offers our customers the option to deploy the latest Intel® technology in power limited AMC sites or MicroTCA systems, taking advantage of the integrated acceleration engines and software from Intel."

"The advanced performance capabilities of the Intel® Core™ i7 processor and Mobile Intel® QM57 Express chipset are ideal for use in demanding telecom applications where space is of particular concern," said Ryan Parker, Director of Marketing for Intel Embedded and Communications Group. "The JumpGen board demonstrates the feasibility of using Intel® architecture to handle communications workloads."

PRM-121 Features

- Intel® Core™ i7-620LE Processor running at 2 GHz
- Available with Intel® Turbo Boost Technology and Intel® Hyper-Threading Technology
- 2GB of ECC DDR3 memory running up to 1066 MHz
- Front Panel I/O includes USB and RS-232
- Dual SATA channels to Common Option Lanes 2 and 3 (AMC.3)
- Dual GigE interfaces to Common Options Lanes 0 and 1 (AMC.2 Type E2)
- Available in both full and mid-size AMC configurations for AdvancedTCA® (ATCA), MicroTCA™ and proprietary architecture systems.
- RoHS-compliant

Availability

The PRM-121 will be generally available in Q1, 2010, sampling to selected customers in January.

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 Alliance. For more information, visit www.JumpGen.com

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