

JumpGen Systems Introduces Low Cost, Low Power Processor AMC

The PRM-110 features the Intel® EP80579 Integrated Processor with Intel® QuickAssist Technology

Carlsbad, CA May 5, 2009 – JumpGen Systems today announces the PRM-110, a processor AdvancedMCTM (PrAMC) featuring the Intel® EP80579 Integrated Processor with Intel® QuickAssist Technology and up to 4GB of ECC DDR2 memory. The PRM-110 supports up to 5 GigE links including 2 Front Panel and 3 routed to the AMC connector. The PRM-110 may be deployed with 600 MHz, 1.066 GHz, or 1.2 GHz processors to serve as co-processor or host processor for embedded communication applications. The Intel EP80579 is available with integrated accelerators that support Intel® QuickAssist Technology through software packages provided by Intel. The software drivers enable acceleration of cryptographic and packet processing for VPN/firewall and unified threat management, wireless and WIMAX access applications, and SMB and home network attached storage applications.

"The PRM-110 is our first PrAMC processor board with configurations list priced under \$1000. We believe that this product will make basic MicroTCA® systems more cost effective. The Intel® EP80579 Integrated Processor with Intel® QuickAssist Technology System on Chip has the features and performance to compete in low power and low cost markets." said Harry White, JumpGen Systems President. "The PRM-110 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 for enhanced security applications."

"As several observers have put it, "The key factors inhibiting MicroTCA® acceptance are cost, cost, and cost in that order." The PRM-110 processor board from JumpGen Systems is thus a breakthrough product with list prices under \$1,000. It should help greatly in making MicroTCA® and AMCs cost-effective for a wide range of telecom, military/defense, and industrial applications." – Lance A. Leventhal, Technology Editor, ATCA Newsletter.

"JumpGen Systems continues to be a leader in AdvancedMCTM product development and is expanding the ecosystem for AMC compliant products. The introduction of a low cost Intel® PrAMC based on new Intel® technology will help make MicroTCA® systems more affordable and deployable. We are pleased that JumpGen Systems is developing new products based on many of the PICMG® standards," said Joe Pavlat, President of PICMG®, the open standards consortium.

PRM-110 Features

- Intel® EP80579 Integrated Processor running up at 600 MHz, 1.066 GHz or 1.2 GHz
- Available with Intel® QuickAssist Technology
- Up to 4GB of ECC DDR2 memory running up to 800 MHz
- Up to 8GB of persistent memory
- PCI Express x4 Interface to Fat Pipes Lanes 4-7 (AMC.1, Type 4)
- Dual GigE interfaces to Common Options Lanes 0 and 1 (AMC.2 Type E2)
- Single GigE interface to Fat Pipes, Lane 8 (AMC.2, Type 1)
- Dual SATA interfaces to Common Options Lanes 2 and 3 (AMC.3)
- Front Panel I/O includes Dual 10/100/1000BaseT Ethernet , RS-232 Serial and USB
- Available in both full and mid-size AMC configurations for AdvancedTCA® (ATCA), MicroTCA® and proprietary architecture systems
- RoHS-compliant

Availability

The PRM-110 is shipping to select customers in Q2, 2009 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 AdvancedMCTM, 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

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