



**Pinnacle
Data
Systems,
Inc.**

FOR IMMEDIATE RELEASE
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***PDSi Releases New ATCA Server Blade and Rear I/O Module
Advanced RTM is also compatible with SUN ATCA Blades***

COLUMBUS, Ohio (October 8, 2008) Pinnacle Data Systems, Inc. (PDSi) (AMEX: PNS) today announced production release of the ATCA-F1, its newest AdvancedTCA™ (ATCA) compute blade with two AMD Opteron™ dual-core or quad-core processors. This powerful x86-based blade now features a rear I/O interface, enabling its input/output capabilities to be augmented with the addition of a companion Rear Transition Module (RTM). Memory capacity of this blade is doubled over prior models to 32GB, and backplane Ethernet interfaces are now driven by Intel gigabit controllers for improved O/S and virtualization platform compatibility.

PDSi is also releasing the ATCA-RT01, a new RTM based on the latest AdvancedTCA RTM standards under development by PICMG, the PCI Industrial Computer Manufacturers Group. By adhering to these standards and adding some of its own specialized know-how, PDSi has ensured that the ATCA-RT01 RTM also interfaces with the latest ATCA blades from Sun Microsystems, including that company's SPARC-based Netra™ CP3260. The ATCA-RT01 RTM features VGA graphics, USB ports and on-board hard disk storage, making it a perfect extension to the ATCA-F1 blade when running applications that boot locally and require a graphical user interface (GUI).

ATCA products are typically specified for use in the high-performance, high-reliability systems required in telecommunications, military and aerospace applications. While the telecom-focused originators of the ATCA architecture did not envision much need for graphical-based applications and local storage, the military and others are finding these GUI resources essential to convenient operation of their systems.

"The ATCA-F1 and ATCA-RT01 provide an integrated, reliable platform for high-end applications needing true server-class performance," said Michael Darnell, PDSi's VP of

Global Sales and Marketing. “And with the added interface flexibility of our new RTM, these graphics, storage, and I/O resources can now be extended to SPARC-based ATCA applications too.”

PDSi recently began shipping production ATCA-F1 and ATCA-RT01 units to OEMs and systems integrators who are developing the next generation of high-reliability systems for use in some of the toughest land, sea, and air-based applications. PDSi also offers customization, integration, and long-term support services for its OEM customers.

About PDSi

PDSi is a global provider of specialized embedded computing products. We offer a wide range of technology platforms including standard and custom-designed products for the telecom, defense/aerospace, medical, semiconductor, industrial automation and IT markets. Our product capabilities range from board-level designs to globally-certified, fully integrated systems. Our specialties include long-life, embedded products and unique, customer-centric solutions.

In addition to our product offerings, PDSi provides a variety of engineering and manufacturing services for global OEMs requiring custom product design, system integration, repair programs, warranty management, and specialized production capabilities. With service centers in the U.S., Europe and Asia we ensure seamless support for solutions all around the world.

PDSi’s turn-key technical programs help our customers bring their solutions to market faster and provide comprehensive service for the lifecycle of their products.

For more information, visit the PDSi website at www.pinnacle.com.

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