

# Press release

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# AIM Embedded Design Wins with Acromag System

**AIM is proud to announce that they have teamed with Acromag to offer turnkey solutions for rugged systems that demand high performance computing and avionics databus communication capability.**

Acromag, a leader in board and embedded system-level solutions for commercial, industrial and military applications offers integration and proven interoperability of avionics databus support for AIM's MIL-STD-1553 (AXE1553) and ARINC429 (AXE429) XMC cards into their ARCX Product Platform.

The ARCX product platform additionally supports AIM's MIL-STD-1553 Mini-PCle card. These small form factor computers feature an Intel Core CPU and single or double PMC/XMC site along with Mini-PCle sites to accept all AIM form factors from PMC, XMC to Mini-PCle. In addition, Acromag provides a variation of the industry standard AIM MIL-STD-1553 Mini-PCle card in their MIL-STD-1553 Acropack form factor for very small form factor rugged embedded applications that allows for easier connectivity.

"We are focused on providing capabilities that our customers ask for," states Russ Nieves, Director of Embedded Solutions Sales at Acromag. "We are making it as easy as possible for our customers to add avionics I/O capability by integrating AIM cards into our ARCX Product Platform." AIM MIL-STD-1553 and ARINC429 cards were integrated into the conduction cooled rugged system while integrating AIM's drivers and the board support package with a Linux operating system and developing a Rear Transition Module (RTM) to provide an I/O path to the rugged 38999 circular connectors.

AIM is a leading designer and manufacturer of high-performance embedded cards, test & simulation modules, databus analyzers, network analyzers & customized systems for MIL-STD-1553/MIL-STD-1760, ARINC429, AFDX/ARINC664P7, and many other military and commercial data bus communication interfaces. AIM's field proven,



robust and mature product suite is unsurpassed in the avionics market with a pedigree that is recognized throughout the world. AIM boards include multiple processors on the hardware with 128MB or more of global memory to ensure real time performance with fast deterministic access time while offloading the host processor to increase performance and reduce power dissipation in the system further optimizing SWAP.

This integration provides a cost and schedule savings for customers developing avionics-based systems. The ARCX can be offered as a fully-tested, prepackaged platform that provides the functionality and I/O required by avionics applications with AIM hardware inside. "We are committed to the databus communications market for both embedded and test applications for all avionics protocols" states Bill Wargo, President of AIM-USA. "The combination of AIM hardware and Acromag systems gives you a turnkey, fully tested, rugged system level solution."

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