Concurrent Technologies announces support for Acromag Carrier Board

Single slot 6U VPX I/O Solution

Concurrent Technologies and Acromag have together delivered a single slot, stand-alone I/O controller for 6U VPX™ deployments. The base product consists of a Concurrent Technologies processor XMC module fitted on an Acromag VPX452x carrier which has four sites for AcroPack® modules. The combination enables a wide variety of I/O combinations to be available within a single slot. Air and conduction-cooled variants are available to meet environmental requirements for the military, aerospace, oil and gas exploration and industrial applications.

Depending on computing requirements, the XP B5x/msd XMC processor module supports either a 2-core Intel® Core™ i3-6102E processor or 4-core Intel® Xeon® processor E3-1505L v5 and is available with up to 16 GB of soldered down DDR4 memory. AcroPack modules are available for FPGA, Analog I/O, Digital I/O, Ethernet, Timers, Serial Communications and MIL-STD-1553 I/O and these modules are interchangeable making the solution suitable for a huge variety of different applications.

Brent Salgat, President of Concurrent Technologies Inc., commented:

"*Working alongside Acromag to create this solution was an easy choice as our products are highly complementary. This single slot, stand-alone I/O controller will enable us to target application areas that require a flexible I/O solution which will help us to broaden our portfolio.*"

Russ Nieves, Vice President of Sales at Acromag Inc., added:

"*By working with Concurrent Technologies, we've created a system in a slot that is ideal for customers looking to migrate from previous architectures to 6U VPX as it provides a processor and customer-configured I/O as a cost-effective solution. Each AcroPack® module securely routes its I/O signals through the VPX452x carrier card without any extra cabling, making for a robust and reliable solution*."