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Concurrent Technologies PLC
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Concurrent Technologies Plc

Product Update

New AdvancedMC™ module powered by NVIDIA® Tegra® K1 processors

Concurrent Technologies Plc (the "Company"), a world leading specialist in the design and manufacture of high-end embedded computer products for critical applications in the defence, aerospace, telecommunications, transportation, scientific and industrial markets, is pleased to announce a new AdvancedMC™ (AMC) computer module.

The AG A1x/m1d is a change from our usual Intel® processor based computers. This new module is an accelerator engine which offers a very high level of parallel processing to augment the processing capability of our current Intel® processor based AMC boards. Fitted with either two or four NVIDIA® Tegra® K1 devices, each supporting 192 supercomputer class GPU cores, with exceptional graphics capability and power efficiency, the AG A1x/m1d offers outstanding performance per module in a format roughly the size of a postcard, and with a typical power consumption of less than 40 Watts.

The AG A1x/m1d module is designed to enable developers to create applications running across larger clusters of modules utilising our Fabric Interconnect Networking Software and the internal RapidIO® fabric interconnect for low latency with Ethernet links for comprehensive connectivity. Typical embedded applications include video transcoding, wireless test and infrastructure, image analysis and recognition, ISR (Intelligence, Surveillance and Reconnaissance), high speed physics experiments, simulations and encryption/decryption, where size, modularity, environmental requirements and power consumption make it impractical to use standard server based equipment.

Glen Fawcett, CEO, Concurrent Technologies Plc, commented:
"*Many of our customers need supercomputer performance in the size of a shoe box that is suitable for their embedded applications. This module enables us to provide significantly higher compute densities in diverse solutions with our existing AMC product range, enabling our customers to swiftly create a range of security, image analysis and simulation products by using combinations of our*

modules."

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Note to Editors:

About Concurrent Technologies Plc

Concurrent Technologies Plc develops and manufactures high-end embedded computer products for use in a wide range of high performance applications within the telecommunications, defence, security, telemetry, scientific and aerospace markets. Using mainly Intel® processors, including the latest 4th generation Intel® Core™ i7, 3rd generation Intel® Core™ i7, 2nd generation Intel® Core™ i7, Intel® Core™ i7 processors and Intel® Atom™ processors, the Company offers a wide range of computer products which are designed to be compliant with industry specifications including those for products used in extremely harsh environments. Other processors now include NVIDIA® Tegra® K1 devices.

For more information on Concurrent Technologies Plc and its products please visit www.cct.co.uk.

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