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VadaTech Announces a 36x36 Cross Bar Switch (CBS) module

Henderson, NV – December 19, 2017 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the AMC241. The AMC241 is a 36x36 Cross Bar Switch (CBS) in the AMC form factor which allows any of the 20 lanes from the backplane to be routed to the front.

Since the Cross Bar Switch is agnostic to the protocol, any protocol such as PCIe, SRIO, 40GbE, 10GbE, GbE, Aurora, etc. can be routed between the backplane and the front panel. The CBS allows one-to-many (any transmit lane could be sent to any number of receivers) and supports rear-to-rear and front-to-front routing (i.e. the unit could be used for routing just external signals). CBS routing is controlled via IPMI, which can be through the shelf manager or front-panel RS-232 port. The AMC241 has an option for 4/8 SFP+ or 2/4 QSFP+. The QSFP+ ports have four lanes of TX/RX.

The AMC241 offering is a welcome addition to the product portfolio along with the AMC242. The AMC242 is SERDES based, routes 16 lanes from the backplane to the front and is also agnostic to the protocol. This provides a simple method of bringing fabric lanes to the front panel but without the flexibility of the crossbar switch.

About VadaTech

VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on AdvancedTCA, MicroTCA, VPX and PCIe solutions, the company offers unmatched product selection and expertise. A unique combination of electrical, mechanical, software, and system-level expertise, enables VadaTech to provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech has headquarters, design and manufacturing facilities in Henderson, NV with design, support and sales offices in Europe and Asia Pacific.

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