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VadaTech, Inc. [www.vadatech.com](http://www.vadatech.com)

### **VadaTech Launches the Industry's Highest Performance FPGA AMC**

Henderson, NV – 18 January, 2016 – VadaTech, a leading manufacturer of embedded boards, enabling software and application-ready platforms, today announced the AMC595, an Advanced Mezzanine Card or AdvancedMC (AMC) based on the Xilinx® Virtex® UltraScale™ XCVU440 FPGA, arguably the highest performance FPGA available today. Aimed at compute-intensive applications such as large scale ASIC prototyping and emulation, the AMC595 builds on VadaTech's successful [portfolio of products](#) based on Xilinx UltraScale FPGAs, which includes single- and dual-[FMC carriers](#), as well as a [56 GSPS ADC module](#). VadaTech's lead customer for the AMC595 is using the board for algorithm development and testing prior to deploying in an ASIC for high performance testing of next generation networks, including 5G.

The on-board, re-configurable FPGA is supported by 16 GB DDR4 64-bit wide memory, which allows for large buffer sizes to be stored during processing as well as for queuing the data to the host. The FPGA has a flexible clocking subsystem and direct connections to the backplane to allow multiple FPGAs to interface without needing a switch. In addition to the Virtex UltraScale FPGA, VadaTech's AMC595 features a 1.2 GHz Freescale QorIQ P2040 processor, based on the Power Architecture, supported by 1 GB of DDR3, 128 MB of Boot Flash and a 32 GB SD card for simplified management and improved usability. The AMC595 is compliant to the AMC.1, AMC.2 and/or AMC.4 specification.

Ian Shearer, head of product marketing for VadaTech and managing director of VadaTech Ltd, said: "The AMC595 provides impressive processing power in a compact and power-efficient module. The first of our Virtex UltraScale products supports ASIC prototyping within the modularity and scalability of MicroTCA, making it a compelling option for next-generation mobile communications developers."

#### **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 and VPX 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 VPX/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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