



Company Contact: Dan Marland 702-896-3337 dan.marland@vadatech.com
VadaTech, Inc. www.vadatech.com

VadaTech Announces an Altera Arria-10™ GX1150 based AMC with Dual Embedded SFP/SFP+ GbE/10GbE

Henderson, NV – March 1, 2021 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [AMC539](#). The AMC539 is based on the Altera Arria-10™ GX1150 FPGA in F1517 package and is compliant to AMC.1, AMC.2, AMC.3 and/or AMC.4 specifications. Additionally, the module has dual front panel SFP+ for 2x 10GbE fiber.

The on-board, re-configurable FPGA interfaces to the AMC FCLKA and TCLKA-D via an MLVDS Cross Bar Switch (CBS). The module includes an oven-controlled crystal oscillator (OCXO) clock reference which generates precise protocol-fixed clocks routed to the FPGA to support SyncE over GbE and 10GbE. It also has two banks of DDR4 (64-bit wide) giving 16 GB total memory, allowing for large buffer sizes to be stored during processing as well as for queuing the data to the host. Backplane fabric selection is by ordering option and FPGA load, including support for dual x4 PCIe.

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.

VadaTech, Inc. www.vadatech.com 198 N. Gibson Henderson, NV 89014