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VadaTech Announces a Dual FMC+ Carrier with Xilinx Zynq® UltraScale+ FPGA

Henderson, NV – December 5, 2019 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [AMC560](#). The AMC560 is an AMC FPGA Carrier with dual FMC+ (VITA 57.4) interfaces and is compliant to AMC.1, AMC.2, AMC.3 and AMC.4 specifications. The unit has a Xilinx UltraScale+ XCZU19EG MPSoC FPGA that provides 1,968 DSP Slices and 1,143k logic cells. The Zynq UltraScale+ EG devices feature a quad-core ARM® Cortex-A53 platform running up to 1.5GHz, combined with dual-core Cortex-R5 real-time processors and a Mali-400 MP2 graphics processing unit.

In addition, the on-board re-configurable FPGA interfaces directly to the AMC FCLKA, TCLKA-D, FMC+ DP0-16 and all FMC+ LA/HA/HB pairs. The FPGA has an interface to a single DDR4 memory channel (64-bit wide with ECC), which allows for large buffer sizes to be stored during processing as well as for queuing the data to the host. The module has on board 64 GB of Flash, 128 MB of boot flash and a SD Card as an option.

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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