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VadaTech Announces a Processor AMC with i7-1185GRE, (11th Generation) Intel® Core™

Henderson, NV – February 1, 2023 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the AMC768. The AMC768 is a Processor AMC (PrAMC) in a double module, mid-size AdvancedMC (AMC) form factor based on the Intel® 11th Generation Core i-7 Processor i7-1185GRE. The processor base frequency is a quad core 1.8 GHz with max turbo frequency of 4.4 GHz. The module follows the AMC.1, AMC.2 and the AMC.3 specifications. The module provides dual PCIe Gen3 x4 on ports 4-11 per AMC.1, GbE on ports 0 and 1 per AMC.2, and SATA on ports 2 per AMC.3. The AMC768 provides quad DP++ ports, single GbE, USB2.0/3.2, Dual USB2.0 and three RS-232 to the front panel. The module also has a single M.2 NVMe storage option which connects to the CPU via PCIe x4 Gen4.

The AMC768 provides 32 GB of DDR4 memory with in-band ECC. Additionally, the module has Serial over LAN (SoL) capabilities and the BIOS allows booting from on-board M.2, off-board SATA, PXE boot and USB. Linux OS is standard on the AMC768, please consult with VadaTech for other options.

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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