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VadaTech Announces Rugged Blade Processor with Dual Xeon Cascade Lake-SP

Henderson, NV – February 4, 2020 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [ATC128](#). The ATC128 is a high performance ATCA processor blade featuring dual 24 core Intel® Xeon® processors, each with six banks of memory providing up to a total of 384 GB DDR4 memory with ECC. Additionally, it is versatile in connectivity and includes two PCIe Fabric interfaces, PCIe to RTM expansion, dual GbE base interfaces, dual front panel GbE egress ports, front panel micro USB (RS-232), USB 3.0 ports and front panel VGA connector. Onboard mSATA storage is available for local boot.

This ATCA blade is PXI-boot capable via any of the onboard Ethernet interfaces. It offers Serial over LAN (SOL) utilizing Hardware Random Number Generation (RNG) to form a secure session and also has dual redundant BIOS-boot capability with multiple (WDTs) for fail-safe, before and after OS boot. The ATC128 has an onboard FPGA which allows secure boot of the system. The FPGA can be reprogrammed by the customer to meet their security requirement. The Unit uses one of the most feature rich Health Management Module in the industry, incorporating HTTP and HTTPS support, Web Interface, added security with SSL, multiple user permission level, etc. The unit can be ruggedized for harsh environments - see customer ordering options for conformal coating 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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