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VadaTech Announces a PCIe Gen 3 ATCA Carrier with Intel Core X-series Processor

Henderson, NV – March 31, 2021 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [ATC125](#). The ATC125 is a Carrier Module with an on board x16 PCIe Gen3 slot to accept any standard PCIe edge type module. The module has dual 100GbE connected to the Fabric channels and dual GbE to the base channels. The Intel® Core X-series includes up to 128 GB of DDR4 memory. It also has an option for Trusted Platform Management (TPM).

The X-series is fitted with two AVX-512 FMA units. Intel® Advanced Vector Extensions 512 (AVX-512), new instruction set extensions, delivering ultra-wide (512-bit) vector operations capabilities, with up to 2 FMAs (Fused Multiply Add instructions), to accelerate performance for the most demanding of computational tasks. The ATC125 can accommodate a dual width PCIe module with the dual width ATCA front panel option, expanding the board pitch from 1.2" to 2.4" and the front panel contains four USB 3.0, video, RS-232, and dual 10GbE.

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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