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VadaTech Announces New AMC with Dual High performance 40/50/100GbE Host Bus Adapter

Henderson, NV –April 26, 2019 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the AMC243. VadaTech AMC243 Host Bus Adapter (HBA) is a dual port 40/50/100Gb Ethernet Unified Wire Adapter, with a PCI Express 3.0 x16 host bus interface, optimized for storage, cloud computing, HPC, virtualization and other datacenter networking applications. The module has 4GB of DDR-4 memory with ECC. The AMC243 offers support for integrated offload of IPsec, TLS/SSL, DTLS and SMB 3.X crypto. The AMC243 provides sub micro-second end-to-end latency, while offloading the host CPU from a variety of typical storage, networking, and cloud related protocols. This will enable savings in host CPU acquisition costs, power and operational costs, and dramatically increases system performance.

FCoE and iSCSI support in AMC243 benefit from high reliability features that include memory ECC, data path CRC and T10-DIX offload, in addition to the checksums and CRC available at different protocols layers. High performance iSCSI and FCoE provide a drop-in replacement upgrade from legacy SANs to converged networks.

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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