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VadaTech, Inc. www.vadatech.com

VadaTech Announces New NVMe HBA Storage Module with Full RAID support

Henderson, NV – November 29, 2018 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the AMC645. The AMC645 is a full Dual Core ARM A15 RAID On Chip (ROC) Host Bus Adapter (HBA) which supports RAID level 0, 1, 5, 6, 10, 50 and 60. The module supports End-to-End CRC (ECRC) and advanced Error Reporting (AER). The NVMe storage provides high speed and low latency read/write to the SSD devices along with a Hardware Engine for RAID 5 and RAID 6 acceleration.

The module has up to 16 NVMe storage devices and an additional 8 GB of DDR4 with ECC. The NVMe devices are soldered directly to the board, for enhanced reliability and to support rugged (e.g. conduction cooled) options. The AMC645 has PCIe Gen3 x8 or single x4 routed to the fabric ports 4-11.

The AMC645 is available in both air-cooled (MTCA.0 and MTCA.1) and rugged conduction-cooled versions (MTCA.2 or MTCA.3, contact sales for details).

About VadaTech

[VadaTech](http://www.vadatech.com) 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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