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VadaTech Announces Network Attached Storage Blade with RAID and iSCSI

Henderson, NV – November 6, 2019 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [ATC605](#). The ATC605 is a Network Attached Storage Blade incorporating on-board Intel Xeon E3-1505M and a high-performance hardware off-load engine for iSCSI Target supporting line rate at 40GbE. The integrated back-end RAID storage subsystem can provide over 20TB of storage via four removable NVMe modules. This AdvancedTCA blade has a dual 100/40/10GbE to the Fabric channel as well as a 40GbE to the up-date channel, supporting fail over across two of the ATC605 in a redundant configuration.

The advanced RAID On Chip (ROC) co-processor on the ATC605 off-loads the main CPU, supporting RAID levels 0, 1, 5 and 6 with RAID spans 10, 50 and 60. In addition, the ROC checks for consistency of background data integrity, with patrol read for media scanning and repairing. The ROC has an optional battery pack to prevent data loss in the event of a power failure. After loss of system power, it will auto resume during array rebuild or reconstruction.

The RAID can be managed via a sophisticated GUI, running LSI Mega RAID software. The ATC605 implements IPMI 2.0 for management and payload.

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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