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New 72-Core Tiler[™] Processor from VadaTech Powers MicroTCA Systems

Henderson, NV – Sept 15, 2014 – VadaTech, a manufacturer of embedded boards and complete application-ready platforms, has announced a new Tiler GX-72 Processor in the Advanced Mezzanine Card (AMC) form factor. The processor features 72 tiles (cores) in the double module, full-size.

The AMC740 Tiler processor offers 4 x 10 GbE ports, dual RJ-45, and a USB port via the front panel. Four banks of DDR3 64-bit memory with ECC and a bank of Flash memory are provided. PCIe or XAUI signals can run across the fat pipe or extended fat pipe region for x4 or x8 ports.

The VadaTech processor provides an excellent balance of performance and low power consumption. It is ideal for packet filtering, intelligent networking, multimedia, video transcoding, cloud and other applications. The AMC740 includes 72 identical processor cores (tiles) interconnected with Tiler's iMesh[™] on-chip network. Each tile consists of a full-featured, 64-bit processor core as well as L1 and L2 cache and an on-blocking Terabit/sec switch.

VadaTech provides processors in Intel, Cavium, Tiler, and Freescale architectures in the AMC format. The company also provides the full ecosystem of MicroTCA products, including AMCs, chassis platforms, MCHs, power modules, and application-ready platforms.

About VadaTech

VadaTech provides innovative embedded computing solutions from board-level products, chassis-level platforms, to configurable application-ready systems. With a focus on MicroTCA and AdvancedTCA solutions, the company offers unmatched product selection and expertise in the full xTCA ecosystem. With our unique combination of electrical, mechanical, software, and system-level expertise, VadaTech can provide customized commercial or rugged computing solutions to meet the most complex customer requirements. VadaTech also offers specialized product solutions for VPX/VME, CompactPCI, and other architectures. A member of PICMG and VITA, VadaTech is headquartered in Henderson, NV with offices in Europe and Asia Pacific.

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