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VadaTech Announces an AMC with Intel Xeon Tiger Lake-H AMC, PCIe Gen3

Henderson, NV – December 6, 2023 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [AMC769](#). The AMC769 is a Processor AMC (PrAMC) in a double module, mid-size AdvancedMC (AMC) form factor based on the Intel® Xeon® Processor W-11865MRE (Tiger Lake-H 11th -Generation). The processor has 8 cores with base frequency of 2.6 GHz with max turbo frequency of 4.7 GHz. Additionally, the module follows the AMC.1, AMC.2 and the AMC.3 specifications.

The module provides x16 PCIe Gen3 thru ports 4-7, 8-11, 12-15 and 17-20. The x16 PCIe could be bifurcated to quad x4 or dual x8. Further the module has GbE on ports 0 and 1 per AMC.2, and SATA on ports 2 and 3 per AMC.3. The AMC769 provides dual 10GbE via RJ-45. The module also has dual M.2 NVMe storage option which connects to the CPU via PCIe x4 Gen4.

The AMC769 provides up to 64 GB of DDR4 memory with ECC and 64 GB of Flash for the OS. The module has Serial over LAN (SoL). The BIOS allows booting from on-board Flash, off-board SATA, PXE boot, M.2 and USB. There are dual USB 3.0 type connectors for extended storage or peripherals. Linux OS is standard on the AMC769, please consult with VadaTech Sales to discuss the product and specific ordering options.

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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