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VadaTech Announces an AMC with Intel Ice Lake-D Xeon D-1746TER, 10/40GbE

Henderson, NV – January 17, 2023 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the AMC770. The AMC770 is a Processor AMC (PrAMC) in a single module, mid-size Advanced Mezzanine Card (AMC) form factor based on the Intel® Processor Xeon® D-1746TER (Ice Lake-D) for general purpose processing in demanding embedded applications. The D-1746TER has 10 cores with three channels of DDR4 memory.

The AMC770 comes with 48GB of DDR4 memory with ECC and 1TB of NVMe storage. The BIOS on the board allows booting from onboard Flash, PXE, and/or USB. The Module also provides dual 40GbE and/or octal 10GbE (2x40G or 1x40G+1x10G or 8x10G, module does not support 1x40G+4x10G) on Ports 4-11 per AMC.2, GbE on Ports 0/1 to the CPU, and SATA on Ports 2 and 3 per AMC.3. The Module also provides 10GbE-T on the front panel.

Additionally, the module utilizes the Intel Bootguard PFR via on board FPGA and Trusted Platform Management (TPM). The FPGA can be reprogrammed by the customer to meet their security beyond what is provided by the PFR. There are dual USB 3.0 type C connectors for extended storage, peripherals and/or for external Display port.

Linux OS is standard on the AMC770. 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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