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VadaTech Announces a 3U VPX Intel E-2176M Xeon Processor

Henderson, NV – August 19, 2021 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [VPX760](#). The VPX760 is a VITA 46 processor module for general purpose processing in demanding applications. Based on the Intel® Xeon® Processor E-2176M with CM246 PCH, the processor base frequency is 2.7 GHz with max turbo frequency of 4.4 GHz.

Front panel interfaces include GbE via RJ45, video via mini DisplayPort and dual USB3.0 type C connectors for extended storage or peripherals. The unit provides PCIe Gen3 x8 (which can be bifurcated as dual x4), PCIe Gen2 x4, dual GbE and dual SATA Gen3 on P1. There is PCIe Gen3 x8 (or dual x4) and dual USB3.0 on P2, together with additional video display output.

The VPX760 has up to 32 GB of DDR4 memory with ECC and 64 GB of Flash for OS. The BIOS allows booting from on-board NAND, off-board SATA, PXE boot as well as USB. Additionally, the module provides TPM (Trust Management Platform) for secure boot and comes with Linux OS (consult VadaTech for other options). The unit is available in a range of temperature and shock/vib specifications per ANSI/VITA 47, up to V3 and OS2.

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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