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VadaTech Announces a VPX Processor Board with i7-1185GRE, (11th Generation) Intel® Core™

Henderson, NV – February 9, 2023 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [VPX765](#). The VPX765 is a processor module (VITA 46) for general purpose processing in embedded applications. The CPU is based on the 11th Generation of Intel® Core™ i-7Processor i7-1185GRE (Tiger Lake). The processor base frequency is a quad core 1.8 GHz with max turbo frequency of 4.4 GHz. VadaTech can support i5 and i3 with minimum order quantity conditions.

The VPX765 provides PCIe x4 Gen4, PCIe x4 Gen3, dual GbE, Display Port (DP), USB 3.2 and RS-232 to P1. The PCIe x4 Gen3 could be bifurcated to dual x2 or quad x1 and accepts an XMC slot and routes the XMC I/O per VITA 46.9 (X24s +X8d + X12d) to the P2 connector. Additionally, the VPX765 comes with 32GB of DDR4 memory with in-band ECC and 64GB of SSD for OS. The BIOS allows booting from onboard Flash, PXE, and/or USB. The module also provides TPM (Trust Management Platform) for secure boot. The unit is available in a range of temperature and shock/vib specifications per ANSI/VITA 47, up to V3 and OS2. Please consult with VadaTech Sales to discuss 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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