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VadaTech Announces New 6U VPX, Intel® Xeon™ SoC, PCIe Gen3 and 10GbE (XAUI)

Henderson, NV – February 8, 2019 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [VPX752](#). The VPX752 is a processor module (VITA 46) for general purpose processing in demanding applications. Based on the Intel 5th generation Xeon-D processor, the efficient SoC design has low power consumption and integrated PCH technology. The module provides quad 10GbE XAUI on P1 and PCIe Gen3 x16 (dual x8 or quad x4) on P2, together with quad GbE to P4. The GbE is software programmable on each port to run as 1000Base-Tx or 1000Base-BX. It also provides Dual 100/1000/10 G to the front panel, together with video out and dual USB 3.0 which can be used to implement a user interface for ease of maintenance.

The VPX752 provides 32 GB of DDR4 memory with ECC and Flash for the OS. The BIOS allows booting from on board Flash, off-board SATA, PXE boot and USB. The module has a single XMC slot, optionally VITA 42 or VITA 61, for additional I/O. The XMC I/O is routed to P5/P6. The board also has dual isolated RS-422/485 in addition to the single RS-232.

Linux OS is standard on the VPX752 and the unit is available in a range of temperature and shock/vibration specifications per ANSI/VITA 47, up to V3 and OS2.

Please review the product datasheet and speak with VadaTech Sales for other 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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