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VadaTech Announces two new PCIe Gen3 x16 modules with Bus Expansion via Dual x8 OCuLink

Henderson, NV – July 23, 2020 – VadaTech, a leading manufacturer of integrated systems, embedded boards, enabling software and application-ready platforms, announces the [PCI124](#) and [PCI125](#). The PCI124/125 are VadaTech's 4th generation PCIe expansion modules based on the PCI-SIG specification. Both modules include a Retimer/Conditioner to improve signal integrity for enhanced system performance and reliability across long cables. This removes both random and deterministic jitter from the input signals, eliminating inter-symbol interference and resetting the output jitter budget. This conditioning supports the full 16 lanes.

The PCI125 provides x16 expansion via two OCuLink connectors on the front panel. The PCI124 has the dual OCuLink to the rear, making it an ideal companion product for additional I/O to PCI597, resulting in data rates to/from FPGA of up to 384 Gb/s.

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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