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2U MicroTCA Chassis from Pixus Technologies Has Rugged Features

Waterloo, Ontario — Mar 27, 2019 – Pixus Technologies, a provider of embedded computing and enclosure solutions, offers a 2U high rackmount MicroTCA chassis holding a versatile range of AdvancedMCs.

The 2U MicroTCA chassis comes with 1 MCH (MicroTCA Carrier Hub) slot and 7 AdvancedMCs (AMCs) standard. The backplane supports 40GbE and PCIe Gen3 speed signals. Other backplane sizes and configurations are available upon request.

The chassis platform has the card cage recessed within the enclosure, providing protection for the AMCs and the cabling. The left side of the card cage is raised slightly to allow for cabling to be channeled to the rear of the enclosure. The rear of the chassis is extra deep with a cavity for mounting various devices, including RF modules.

The pluggable power module slots are located securely within the rear of the chassis and are cabled over to the rear panel. Single or dual redundant power options are available.

Pixus offers these types of enclosures in 1U-8U heights in both MicroTCA.0 and MicroTCA.4 formats. The company also provides chassis platforms in OpenVPX, AdvancedTCA, CompactPCI Serial, and VME64x architectures.

About Pixus Technologies

Leveraging over 25 years of innovative standard products, the Pixus team is comprised of industry experts in electronics packaging. Founded in 2009 by senior management from Kaparel Corporation, a Rittal company, Pixus Technologies' embedded backplanes and systems are focused primarily on ATCA, OpenVPX, MicroTCA, and custom designs. Pixus also has an extensive offering of VME-based and cPCI-based solutions. In May 2011, Pixus Technologies became the sole authorized North and South American supplier of the electronic packaging products previously offered by Kaparel Corporation and Rittal.