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Pixus Announces a Mini Cube Test Chassis for SOSA Aligned & OpenVPX

Waterloo, Ontario — June 10, 2024 – Pixus Technologies, a provider of embedded computing and enclosure solutions, has released their most compact test/development chassis dubbed the Mini Cube. The chassis is used for prototyping of 3U OpenVPX & SOSA aligned systems.

The Mini Cube supports 5x VPX/SOSA aligned slots with a VITA 62 PSU or 4x slots with an internal low-cost 600W Pixus modular power supply with universal AC input. Backplanes in various speeds and SOSA aligned slot profiles are available as well as power and ground only format options. Card guides are interchangeable for air-cooled or conduction-cooled boards.

The compact Pixus Mini Cube chassis has a convenient, foldable carry handle and flip-up feet for a more presentable display. Rear Transition Modules (RTMs) are also supported in the enclosure.

Pixus offers OpenVPX backplanes, chassis platforms, chassis managers, and specialty products. The company also provides enclosure solutions in VME, cPCI Serial, AdvancedTCA, as well as instrumentation case formats.

About Pixus Technologies

Leveraging over 20 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.