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## **Pixus Technologies Announces New High-CFM 1U SlimBox Chassis**

Waterloo, Ontario — Nov 16, 2012 – Pixus Technologies, a supplier of backplane, chassis, and embedded component solutions, has announced a new version of its SlimBox line of enclosures to address advanced cooling requirements.

As new high speed (and high heat) chipsets are designed onto the latest CompactPCI, OpenVPX, and other boards; the requirement for additional enclosure cooling continues to grow. Pixus Technologies' High-CFM SlimBox line combines the highly desired performance density of a horizontal-mount enclosure with an advanced cooling solution.

The High-CFM 1U SlimBox is a 19" rackmount or desktop enclosure that holds a 2-slot 0.8" pitch CompactPCI, VME/VME64x, OpenVPX, or custom backplane mounted horizontally. The enclosure features a push-pull cooling configuration with seven fans for a total of over 115 CFM (cubic feet per minute) of airflow. The fans come in separately removable fan trays, allowing ease of replacement/swapping. Careful design analysis was instituted to confirm that the chassis maintains reasonable acoustic noise levels and that static pressure did not affect performance.

The SlimBox line features a wide range of power supply options in pluggable, fixed, N+1, or redundant power configuration options, depending on the chassis size. Alarm cards or other system/voltage monitoring devices are also available. Other options include a 4-pin header on the backplane for Tach Signals & PWM (Pulse Width Modulation). The Tach/PWM option allows the fans to speed up or slow down to optimize the cooling and power utilization.

Pixus Technologies also offers SlimBox enclosures in 2U, 3U, and 4U heights with backplane sizes up to 8 slots. Advanced cooling options for these taller SlimBox designs are also available.

Pricing for the 1U SlimBox starts under \$800.00, depending on volume and configuration. Lead time is 4-6 weeks ARO.

### **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, PCIe and custom designs. Pixus also has an extensive library of VME-based and cPCI-based solutions. In May 2011, Pixus Technologies became the exclusive North and South American supplier of the electronic packaging products previously offered by Kaparel Corporation and Rittal.

Pixus Technologies is actively involved in the continuous development of leading AdvancedTCA, OpenVPX, and cPCI/PCIe products that will surpass all data transfer and cooling challenges.