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New 3U OpenVPX Mini 1/4 ATRs Are Compact and Lightweight

Waterloo, Ontario — Oct 01, 2025 – Pixus Technologies, a provider of embedded computing and enclosure solutions, has announced a new 3U OpenVPX ATR enclosures that accept 3U OpenVPX and SOSA aligned boards. The modular designs come in various I/O and backplane options.

The first in the series of Pixus Mini ATRs features two 3U OpenVPX slots and one VITA 62 PSU slot. Backplanes are available in speeds up to 100GbE speeds and various configurations. The I/O board is also fully customizable. Compact and lightweight, the chassis comes in versions for baseplate cooling or with an optional rear fan.

Pixus offers SOSA aligned backplanes, chassis and chassis managers. The company also develops ruggedized and COTS solutions for various VITA and PICMG specifications.

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.