



3U ATCA® Hybrid Shelf Supporting 8 AMCs Available from Pixus Technologies

Hybrid Shelf Supports One ATCA Slot and 8 Mid-Size AMCs in 3U Height.

Waterloo, Ontario, June 24, 2015 – Pixus Technologies, a supplier of electronic packaging systems and components and the North and South American supplier of Rittal Electronic Packaging products, has introduced the **PXS0309**. The 3U ATCA® Hybrid shelf has a single ATCA node slot and an AdvancedMC® Super-Carrier that supports 8 mid-size, single width AMCs. Because of the flexibility and versatility of supporting 8 AMC slots that can be utilized for additional processing, I/O, FPGA processing, storage, etc., this platform is ideal for a wide range of communication, industrial, and defense applications.

Typically, only 4 mid-size AMCs can fit on an ATCA carrier, but the PXS0309 AMC Super-Carrier supports 8 mid-size AMC modules enabling 8 AMCs and 1 ATCA blade to fit in a 3U ATCA shelf. With 400W available to both slots, high performance CPUs can be supported on the ATCA blade and high performance AMCs can be supported on the AMC Super-Carrier. All AMCs are hot swappable. One or two Shelf Managers (ShMC) are supported; in redundant mode, ShMC fail-over is supported and ShMCs are hot swappable. Carrier fabric options include PCIe, sRIO, 10GbE, and 40GbE.

The PXS0309 is capable of supporting N+1 redundant power. Input power can be AC redundant or non-redundant, DC redundant or non-redundant, or AC/DC redundant. The PXS0309 supports two intelligent Cooling Units which provide right-to-left air-flow. The chassis dimensions are 19” wide by 3U high by 13” deep.

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, enclosures, and systems are focused primarily on ATCA, MicroTCA, OpenVPX, cPCI, VME, and custom designs. Pixus Technologies is an official Rittal partner supplying Electronic Packaging products previously offered by Kaparel Corporation and Rittal to North and South American markets.