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Elma Announces Industry's First Dual Redundant Cooling MicroTCA Shelf

FREMONT, California, Feb 26, 2007 - Elma Electronic Inc., a global manufacturer of electronic packaging products, has announced a new 8U MicroTCA shelf with redundant cooling. The unit is the first of its kind in the industry.

The 8U MicroTCA shelf features 3 fan trays each above and below the card cage for redundant cooling. Elma has performed thermal simulations to optimize the cooling using this push-pull approach. With Elma's modular design approach, various chassis sizes and configurations can be easily implemented. This greatly reduces the costs, lead-time, and risk of tailoring a configuration to a customer's specific needs. The card guide support plate allows the same chassis to contain both single (75mm high) or double (150mm high) modules in the full size. The Elma modular design also keeps prototyping costs low. When a project moves to higher volumes, Elma can switch from extrusions to stamped sheet metal.

The chassis features a 14-slot Dual Star backplane with 10 AdvancedMC, 2-power module, and 2 MicroTCA Carrier Hub (MCH) slots. Another feature of the Elma MicroTCA line is locking strips that securely hold the modules in place. Elma has stamped them so they can be cut at any incremental width, allowing flexibility in how many modules are plugged in and secured.

Elma now offers MicroTCA shelves in 4U, 5U, 6U, 7U, and 8U heights and a Portable Tower in a 7U height. Contact the company for more details.

The 8U MicroTCA Shelf price starts under \$2300.00, depending on options. The lead-time is 6-8 weeks.

About Elma Electronic

Elma Electronic Inc. is a leading manufacturer and supplier of enclosures, backplanes, cabinets, cases, and "ready-to-run" packaging for CompatPCI, Rugged COTS, VME/64x, VXS, VPX, ATCA, MicroTCA, and custom bus structures. Elma's component product line offers a wide selection of top quality switches knobs and LED arrays. The company has been a worldwide supplier of dependable, high performance products for over 35 years. Elma operates three facilities in the continental United States plus has locations in Switzerland, Germany, France, the United Kingdom and Israel.

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