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Elma's Single 6U NAS Blade Provides Up to 1.2 TB SATA Storage for Enhanced Data Security in Embedded Systems



FREMONT, Calif., April 2010 – Elma Electronic Systems division, a leading supplier of embedded products and systems solutions built on open standards-based platforms like CompactPCI, ATCA, VME and VPX, now offers the 6211 cPCI RAIDStor with up to 1.2 TB in a single cPCI slot or 2.4 TB with two slots. The new 6U CompactPCI blade [network attached storage](#) (NAS) board provides automatic and transparent cross-network or intra-blade data replication and re-sync for enhanced data security and preservation.

The new RAIDStor is suitable for use in any embedded application demanding high availability and reliability. Data intensive applications, message processing, network-centric military applications, redundant self-hosted Web servers or storage repositories as well as transaction processing and logging applications benefit from the cPCI RAIDStor.

Standard with dual 2.5" SATA hard disk drives, the new RAIDStor also comes in lower capacity configurations. Front panel, removable drive canisters with hot swap enable the fastest mean time to repair (MTTR) in the industry. Solid-state drives can also be used for rugged, high capacity RAID reliability.

The cPCI RAIDStor can be arranged in a single- or dual-star network topology to provide complete redundancy in network paths as well as port failover services enabled or disabled with a single command for continuous system availability.

The cPCI RAIDStor is configurable to RAID level 0 (data striping) for increased bandwidth as well as RAID level 1 (data mirroring) or RAID level 5 (distributed parity – requires dual blade/four drive configuration) for data redundancy.

Users can monitor the blade via a web browser and perform some management functions via SNMP or a serial command line. Each RAIDStor is equipped with one front panel Gigabit Ethernet RJ45 port and two ports via the P0 connector to enable connections to multiple networks.

For more information, please visit [Elma's Embedded Computing Products](#) site, contact Valerie Andrew at sales@elma.com, or call (800) 445-6194, (215) 956-1200.

For high res photo:

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