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## New CFast-based Storage XMC from Elma Features High Speed Operation; Front Removability

*CFast drive technology based on Serial ATA interface*



**FREMONT, Calif., September 2011** – Elma Electronic Inc., a leading supplier of embedded products and systems solutions built on open standards-based platforms like VME, VPX, CompactPCI and ATCA, now offers the [9289 XMCStor](#), a [mezzanine storage](#) solution designed for high speed data access and system boot operations.

Developed to address rugged storage applications, the new single-width XMCStor uses the latest mezzanine form factor and flash drive technologies, including the new CFast flash storage technology. These next generation solid-state CompactFlash drives, based on a SATA interface, offer much higher data rates compared to parallel drives.

The XMCStor provides one front removable drive and one internal drive for maximum operational flexibility. Drives may be addressed as combined or separate volumes depending on their usage and application requirements. The [front removable drive](#) capability combined with hot swap allows fast and easy equipment upgrade and data transportability.

With board level data transfer rates up to 130 MB/sec (write) and 140 MB/sec (read), the 9289 XMCStor is ideal for applications demanding high data rates.

Current storage capacities equal 64 GB across two drives, with higher capacities supported as new drives are introduced.

Targeted for military and industrial applications in [rugged environments](#), the XMCStor is capable of meeting a wide range of operating conditions. It is available in standard (0°C to +55°C) through extended temperature (-40°C to +85°C) versions and can withstand operating shock up to 40 Gs at 11 Msec. For added reliability, the unit can be conformally coated.

Elma provides XMCStor software support and drivers for Linux, VxWorks and Windows with specific versions and host cards available upon request.

The XMCStor conforms to the VITA 42.3 mezzanine module form factor. The XMC form factor with PCIe connectivity makes the board an ideal solution for VPX systems or any host environment with PCIe capability.

Units are sold separately or as part of an Elma AppliPak solution when bundled with a host single board computer, operating system and driver integration.

Pricing for the new 9289 XMCStor starts at \$800 in low quantities, configuration dependent. Delivery is six to eight weeks ARO.

For more information, please visit [Elma's Embedded Computing Products](#) site, contact sales at [sales@elma.com](mailto:sales@elma.com), or call (510) 656-3400.