

Concurrent Technologies enhances storage offering

Concurrent Technologies announces a new XMC storage product that is designed to provide very high sustained read/write performance when mated to the company's XMC host products including processor, switch and carrier boards.

XM 620/x01 is an XMC module with two M.2 sites, each of which supports Type 2242, 2260 and 2280 M.2 storage devices. Each M.2 device has a x4 PCI Express® (M-key) connection to the host card to optimize performance dependent on the devices fitted. Concurrent Technologies offers XM 620/x01 fitted with up to two M.2 devices that are suitable for long life applications and have a typical capacity of 256 or 512GB with sustained read/write rates of 1571/578 MB/s respectively. When fitted with high capacity consumer grade M.2 devices and used in a striped RAID configuration, Concurrent Technologies has measured up to 6997/4128 MB/s read/write rates. It is expected that the embedded storage device providers will match the performance of today's consumer grade devices and XM 620/x01 will then be able to support up to 2TB of high performance direct attached storage for long life-cycle deployments.

The product is designed to suit many high performance command and control applications in the military and aerospace markets that need mission sufficient storage capacity. XM 620/x01 is attractive as it provides a single slot solid-state storage solution when mated to a host processor card, thereby minimizing the solution Size, Weight and Power (SWaP) envelope within a rugged environment.

Glen Fawcett, CEO of Concurrent Technologies, commented: "XM 620/x01 is a useful addition to our range of XMC modules as it enhances the storage capability of many of our existing processor boards. One of our initiatives is to make it easier for our customers to construct high performance solutions using a combination of our own products, augmented with those from our partners. This direct attached storage module is another step towards that goal."