

Concurrent Technologies reloads VME product line based on latest generation processors

Concurrent Technologies, a leading supplier of processor solutions for demanding environments, announces two new VME boards for long life-cycle deployments that are expected to remain in the market beyond 2030. VP B7x/msd is based on an 8th generation Intel® Xeon® processor for applications that need high compute or virtualization capability. VP F6x/msd is optimized to maximize I/O capability and is suitable for those applications that need to boot legacy operating systems. Air-cooled products are available for evaluation and rugged conduction-cooled versions are scheduled, pending the conclusion of environmental qualification testing.

VP B7x/msd is based around a six-core Intel® Xeon® processor E-2176M (formerly known as Coffee Lake) and up to 32Gbytes of DDR4 memory. VP F6x/msd is fitted with a four-core Intel® Xeon® processor E3-1505L v6 and includes dual PMC/XMC sites plus an option for two additional PMC modules using a carrier card in a 2-slot configuration. Both boards have a site for a SATA based Flash drive up to 128Gbytes, an M.2 site for up to 1Tbytes of high speed PCI Express® NVMe storage and an adapter for a 2-5-inch Solid State Disk. In addition, a variety of USB, RS232, Gigabit Ethernet and display interfaces are supported.

For security conscious customers, Concurrent Technologies offers several options: a TPM 2.0 device and Secure Boot are standard features with Sanitization Utilities and our Guardian Security Package also available. Guardian enables customers to deploy sensitive applications through a range of hardware, firmware and software features that deter tampering and lock access to intellectual property.

Glen Fawcett, CEO of Concurrent Technologies, commented:

"We announced our previous VME boards in 2015 to provide users with dependable products that they could deploy in a range of environmental conditions. This announcement enhances our portfolio and

further extends the life-cycle for those customers committed to the VMEbus standard through the implementation of some of the latest processors.”