

Concurrent Technologies announces network ready processor board

Concurrent Technologies' latest product combines high performance processing with multiple 10 Gigabit connections for deployment in computer applications requiring higher bandwidth local area network connectivity.

The single slot BA 1TR/501 features a 4-core Intel® Xeon® processor E3-1505M v5 with 16GB of DDR4 ECC DRAM and a rich assortment of I/O interfaces including dual 10 Gigabit and dual Gigabit Ethernet connections. The product is designed to suit the growing number of high performance command, control, communicate and compute applications in the military and aerospace markets that need matching network and processor capacity.

3U VPX form factor boards are often used to create rugged solutions for Electronic Warfare, Software Defined Radio, Radar and Intelligence Gathering systems that are based on a combination of signal processing and compute cards. Concurrent Technologies has been providing Intel processor based compute solutions for over 30 years and has seen a growing trend to consolidate additional functionality such as high-speed networking onto the compute function to minimize the overall Size, Weight and Power (SWaP) envelope.

BA 1TR/501 incorporates local area networking capability, local solid-state mass storage and PCI Express® (PCIe®) for high speed connection to local CPU, GPU and/or FPGA boards as required.