






 <p>www.elma.com • www.acttechnico.com</p>	 <p>www.xes-inc.com</p>	 <p>www.pentek.com</p>	 <p>www.techsource.com</p>
<ul style="list-style-type: none"> ✓ Industrial and MIL rugged enclosures for VME, 3U/6U cPCI, VXS, 3U/6U OpenVPX and OpenVPX, MTCA and ATCA <ul style="list-style-type: none"> ○ Standard and custom backplanes for above architectures ✓ Air-cooled/conduction cooled ATR boxes for VME, 3U/6U cPCI, VXS and OpenVPX ✓ ACT/Technico brand Embedded Computing Products: <ul style="list-style-type: none"> ○ VME, OpenVPX, cPCI, MicroTCA & PMC/XMC Intel & PowerPC based SBCs. Air and conduction cooled grades. ○ VME, 3U/6U cPCI and Open VPX Gigabit & 10-Gigabit Ethernet switches. Air and conduction cooled grades. ○ Embedded Mass Storage on VME, 3U & 6U CPCI, and PMC/XMC form factors ○ Solid-State Flash Storage specialist: removable, secure-erase & write-protect; NAS and RAID 0 – 5 ○ Numerous I/O functions on PMC/XMCs, Rear Transition Modules (RTMs), and carriers ○ Ruggedization services: COTS product environmental qualification processing and test; conformal coating ○ System Integration services: Board and sub-system level hardware and software integration and test; Board Support Package (BSP) or OS load & test; standard and custom driver development ✓ Design Services: Turn-key custom systems including CCAs; custom cable assemblies; silk-screening; qual & environmental testing; documentation and test plans ✓ 19" rackmount cabinets and consoles ✓ World-wide Service 	<ul style="list-style-type: none"> ✓ 3U/6U VPX, 3U/6U cPCI, VME, XMC SBC's with Intel or PowerPC. Highest Performance ✓ Air or Conduction Cooling ✓ 3U Power Supplies ✓ 3U VPX Fabric and Ethernet Switch ✓ New! Intel i7 3U/6U VPX, VME, 3U/6U cPCI & XMC ✓ Highest commitment to customer service ✓ Standards based product variations are a specialty ✓ USA based 	<ul style="list-style-type: none"> ✓ Virtex-6 XMC – 3 16bit 200MHz A/D & 2 16bit 800MHz D/A. Virtex selection and user space. Air and conduction cooling ✓ Virtex-6 XMC – many new versions coming. Ask! ✓ XMC carriers for PCIe, VME, VXS, CPCI ✓ 3U VPX carrier in air or conduction cooled ✓ Dual Virtex-5 PMC's with user space ✓ VME/VXS hi-perf 8640 with dual XMC, x- switch and Virtex-4, Fiber Optics ✓ FPGA Aurora daisy chaining ✓ FPGA IP and driver source supplied. Easy IP injection ✓ Compete beamforming solutions ✓ Compete Radar solutions ✓ Custom Solutions ✓ USA Based 	<ul style="list-style-type: none"> ✓ GPGPU XMC – Condor2000 ✓ AMD E4690 ✓ 320 processors @ 600MHz ✓ 25W to as low as 10W ✓ 384 Gigaflops ✓ OpenCL support ✓ Available today in air or conduction cooled ✓ GPGPU plus Virtex-5-Condor2100 ✓ AMD E4690 ✓ Air or conduction cooling ✓ Two HD input ports ✓ PMC/XMC Graphics Cards ✓ Highest Performance available today ✓ AMD E4690 Graphics Processor ✓ Air and Conduction Cooled versions ✓ Video recording and Compression ✓ Variants Welcomed ✓ USA Based

 <p>www.padovatech.com</p>	 <p>www.pulse-electronics.co.uk</p>	 <p>www.d3inc.net</p>	
<ul style="list-style-type: none"> ✓ Super Blade Servers ✓ 1U/2U Servers ✓ Server/Workstation Building Blocks ✓ Rugged and Deployable Systems ✓ Rack and Data Center Integration ✓ RAID Storage Systems ✓ Storage Network Area Design ✓ Server and Storage Virtualization ✓ System Resource Aggregation ✓ Cray Super Computer Partner ✓ 2U – 3.5” High - Rackmount <ul style="list-style-type: none"> ○ 32 Intel Xeon Cores or 48 AMD Cores ○ 4x Hot-Swap Processor Modules ○ 192 GB Total SDRAM ○ 12 SATA/SAS RAID 5 Drives ○ Dual Redundant Power ○ Highest Performance per Watt – 356GFlops/KW ○ Amazing! 	<ul style="list-style-type: none"> ✓ VME/VXS/VPX/cPCI ✓ Conduction Cooled Power Supplies ✓ 500W ✓ Single Slot ✓ Modular design allows changes to your requirements ✓ Rapid Prototyping and Design Services ✓ 3U conduction cooled coming! 	<ul style="list-style-type: none"> ✓ Military Rugged Displays/Touch Screens ✓ Simulation Operator Console Displays/Touch Screens. Night Vision. ✓ Shipboard PC's and Displays/Touch Screens ✓ Hazardous Area PC's and Remote Monitors ✓ NEMA 4 Panel Mount Monitors ✓ Panel Mount General Purpose Monitors ✓ XTreme Environment PC ✓ Thin Client Panel Display and Touch Screens ✓ Rackmount Monitors ✓ KVM Extenders ✓ Purge Controls and Coolers ✓ Pedestals and Suspension Arms ✓ Keyboards ✓ Custom Solutions ✓ USA based 	<ul style="list-style-type: none"> ✓ Rugged Cases & Air Transport Racks ✓ Amazon Racks – Mil-810F, IP65 with 19” rackmount frame, 4U to 12U mounting ✓ Amazon Cases – Mil-810F, IP65, sand, dust, water ingress, vibration, temperature protection ✓ Amazon Cooler Collar – cooler for above racks that travels separately ✓ E-Rack – lightweight aluminum rack case, MIL-810F, IP65, 19” rackmount frame, 3U to 12U ✓ SatRack – Airline approved, 19” full rackmount and half rack sizes,