





 <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 SBCs. Air/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; thermal modeling qual & environmental testing; documentation and test plans ✓ 19” rackmount cabinets and consoles ✓ World-wide Service – USA Based 	<ul style="list-style-type: none"> ✓ Single Board Computers – air and conduction cooled ✓ 3U VPX – Intel i7, i7 2nd gen, dual & Quad, Core 2, P2020, P4080, 8640D ✓ 6U VPX – Intel i7, P2020 ✓ 3U cPCI – Intel i7, Core2, 7448, P4080, 8640D ✓ 6U cPCI – Intel i7, Core 2, 750GX, 7448, 8572e ✓ VME64X – Intel i7, 8572e, 8640D ✓ XMC – Intel i7, Core 2, Atom, 8540, 8572e, 8640D, P2020 ✓ PMC – Intel Core 2, Atom, 440GX, 750GX, 8540, 8572e, 8640D, P2020 ✓ Carriers – 6U CPCI, VME, 3U VPX ✓ Power Supplies 3U 300W CC ✓ 3U VPX Fabric and Ethernet Switch ✓ Highest commitment to customer service ✓ Standards based product variations are a specialty ✓ Ask about Security options ✓ USA based 	<ul style="list-style-type: none"> ✓ Virtex-6 XMC – 200MHz to 3GHz A/D & 2 16bit 800MHz D/A. Virtex selection and user space. Air and conduction cooling; Many models. ✓ Virtex-7 early 2012 ✓ L-Band Tuner, Tuners all freq ✓ Analog & Digital Recorders- to 15TB storage; Rugged ✓ XMC carriers for PCIe, VME, VXS, CPCI ✓ 3U VPX 13 models in air or conduction cooled ✓ 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 – Condor3000 AMD E6760, 480 processors @ 600MHz, 40W to as low as 20W, 576 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 ✓ Coming XMC Video recording and H.264 Compression 4 chan NTSC or 2 chan HD-SDI ✓ Variants Welcomed ✓ USA Based

 <p>www.padovatech.com</p>	 <p>www.lippertembedded.com</p>	 <p>www.cpcases.com</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! ✓ USA Based 	<p>Single Board Computers</p> <ul style="list-style-type: none"> ✓ PC/104 – Intel Atom, Vortex-86DX, AMD LX800 ✓ PC/104+ - Intel Atom, Pentium M, (2)AMD LX800 ✓ PC/104-Express – Intel Core 2 ✓ EPIC- Intel Core i7, Pentium M, AMD LX800 ✓ Mini-ITX – Intel i7, (2) Intel Core 2, (2) Pentium M ✓ CoreExpress – (2) Intel Atom 5W, ARM 3W ✓ Com Express – Intel i7, Atom, Core 2, Core Duo, Celeron <p>Other Products:</p> <ul style="list-style-type: none"> ✓ Mini-ITX – Com Express Carrier ✓ PC/104-Express – Graphics ✓ EPIC – Octal Serial Expansion ✓ EPIC – Octal Gig-Ethernet ✓ Mini-PCI – Graphics ✓ Mini-PCI – Dual Serial ✓ PC/104+ - Adapter for 3 Mini-PCI slots 	<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, custom foam 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 ✓ Custom foam inserts are done in-house 	