



RUGGED COMPUTING & DISPLAYS

Rugged Computers

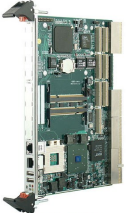
	1U to 5U rugged servers
	Industrial, rackmount PCs
	ATR, VPX & VNX platforms
	Fanless, embedded PCs
	Embedded ARM computers
	Industrial HMI computers
	Routers & IoT gateways
	Conduction cooled options

Military & Flight Rated Systems


	DO-160, DO-178, DO-254
	Design Assurance Levels (DAL)
	Avionics computers & EFB
	ATR systems and enclosures
	Aircraft Interface Devices
	Mission computers, MFDs
	Rugged, SLC solid state drives
	Radiation hardened computers



Single Board Computers

	COM Express modules
	ARM and Freescale modules
	Embedded Intel Atom modules
	VME / VPX / VNX / PC104
	CompactPCI & PXI
	PMC / XMC modules
	Industrial ATX motherboards
	AdvancedTCA & MicroTCA


Displays & Graphics

	Large 4K ultra-HD displays
	Embedded & HMI displays
	4K / HD video walls
	Video media converters
	Graphic & video cards
	MXC, VPX & XMC GPU cards
	Integrated display subsystems
	Industrial & MIL-STD rated




COMMUNICATIONS / IO

Media Convertors & Switches


	Rugged Ethernet switches
	Fibre Channel & Ethernet
	Rugged Media converters
	Optical Transceivers
	Video Media Convertors
	Ethernet Media Convertors
	Fiber Optic Modems

Signal Acquisition & Conditioning


	Analog & digital I/O boards
	PXI systems & instruments
	Signal conditioning systems
	CompactRio signal conditioners
	Filter / amplifier systems
	Precision signal switch matrix
	Distributed, remote I/O



Timing

	Master Timing Systems
	Time & Frequency Distribution
	GPS Sync Clocks
	Distribution Amplifiers
	PTP-NTP Servers
	Embedded Timing Solutions
	Military/Rugged Timing


Input Systems

	Human interface systems
	Custom input devices & panels
	Integrated displays with input
	Rugged & medical keyboards
	Handheld interfaces, keypads
	InGlass™ multi-touch displays
	4K HD touch screen tables




INDUSTRIAL POWER

Rugged UPS Solutions


	Double Conversion On-Line
	Power converters
	Shipboard UPS systems
	Power Distribution Units
	Power Conditioners

Power Supplies


	AC / DC power modules
	Programmable AC supplies
	Programmable DC supplies
	3-phase AC / DC supplies
	Custom power systems



Power Connectors & Cables

	Class L power connectors
	D22992, D38999, 5015, QWLD
	Power cables assemblies
	Power distribution units
	Cable reels and ramps


Test & Simulation

	Precision Power Analyzers
	DC Electronic Loads
	Compliance Test Systems
	3-phase grid simulator
	Integrated high-power systems




ENCLOSURES & CASES

Electronic Enclosures


	Benchtop & rackmount chassis
	Military & airborne rated ATRs
	Conduction cooled systems
	Small, embedded enclosures
	Dip brazed & complex machined
	3U & 6U subracks

Cooling for Electronics


	Heat exchangers & oil coolers
	Condensers & evaporator
	Folded fin & heat sinks
	Thermoelectric cooling units
	Cold plates & liquid cooling
	Thermal analysis & design



Vertical Racks & Cabinets


	Industrial vertical racks
	Military rated & rugged cabinets
	Shielded & seismic cabinets
	A/V, broadcast & data racks
	Instrument cases

High Performance Backplanes


	AdvancedTCA & MicroTCA
	PCI / PCIe / CompactPCI / PXI
	VME / VME64X / VPX
	Hybrid, optical, custom
	VPX+ backplane cabling



Transit Cases

	Shipping & carrying cases
	Shock isolated 19" racks
	Air conditioning options
	Military & ATA rated
	Custom sizes & foam interiors

Rack Mount Accessories

	Drawers, shelves & KVMS
	Pull-out displays & keyboards
	Cable management & rails
	Power distribution units
	Blowers & fan units



Representing top tier manufacturers for the Rocky Mountain States. Contact your local office:

Arizona
Bob Rozell
 Office: (480) 967-6163
 Cell: (602) 799-2075
 rozell@sierrasales.com

Colorado
Jim Bolek
 Cell: (661) 510-9736
 jbolek@sierrasales.com

New Mexico & El Paso
Ralph Palmer
 Office: (505) 286-8808
 Cell: (505) 331-0856
 ralph@sierrasales.com

Utah, Idaho, Montana & Wyoming
Kjell Bjorge
 Office: (801) 947-8558
 Cell: (801) 809-0618
 ktbjorge@sierrasales.com