

# EMBEDDED LINE CARD

MADE IN USA

**Acromag**   
THE LEADER IN INDUSTRIAL I/O



## EMBEDDED I/O & PROCESSING SOLUTIONS

- AcroPack I/O Mezzanine Modules
- Carrier Boards and Cards
- COM Express Products
- CompactPCI Boards
- AcroPack CompactPCI Serial Carrier Cards
- Embedded Computers
- FPGA Modules
- Industry Pack Mezzanine I/O Modules
- PCI I/O Boards & PCIe Products
- VME Boards & VME Carriers
- VPX Products & XMC Boards

MADE IN USA

**PENTEK**  
Now Part of Mercury



## EMBEDDED COMPUTING & RECORDING SOLUTIONS

- Rugged & COTS High-Speed, Real-Time Recording Systems & Embedded Boards for DSP
- Data Acquisition & I/O: Comprehensive line of A/D, D/A & Digital I/O boards
- Digital Signal Processing: Features the high-performance Xilinx Virtex series FPGAs
- Software Radio: Digital receiver, upconverters, & software radio boards
- Quartz UltraScale+ RFSoc: On-chip RF data converters integrated w/programmable logic & processor system
- Xilinx UltraScale+, Kintex, Virtex FPGA's for AMC, XMC, FMC, PMC, cPCI, PCIe, VME & VPX Complete w/Navigator Design Suite complete with a Board Support Package & FPGA Design Kit.
- Fully-integrated development systems for DSP, SDR, data acquisition, & I/O boards
- Recording Systems: High-Speed real-time RF/IF, Digital Signal recording system solutions fully integrated with a range of A/D and D/A resources or digital I/O with high speed disk arrays.
- SOSA Aligned Products: Pentek's SOSA aligned products allow collaborative development w/ open standards
- ISO 9001:2008 Certified

 **VIC MYERS**  
ASSOCIATES

1.800.800.6937  
SALES@VICMYERS.COM



emb-rev11

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## SECURE EDGE COMPUTING SOLUTIONS

- Rugged High Performance Computing Solutions
- Rack Mount & Blade Servers
- Storage Systems & Workstations
- Small Form Factor Mission Systems Computers
- Military Computers
- Rugged Mini PC
- Industrial Servers
- PCIe Expansion Systems
- System Components to Build Custom Systems - Rugged Chassis, PCIe Backplanes & Processor Boards

## Common Applications

### Beamforming

Bio-medical & Imaging  
Electronic Countermeasures  
Electronic Surveillance  
Radar  
Satellite & Telemetry  
Wireless Networks

### Science & Control

Bio-medical and Imaging  
Precision Instrumentation  
Precision Measurements  
Physics and Nuclear Chemistry  
Test & Simulation

### Defense

Autonomous  
Avionics  
Electronic Countermeasures  
Electronic Surveillance  
Electronic Warfare  
Hypersonic  
Military Communications  
Radar  
SOSA  
Test & Simulation

### Recording

Avionics  
Electronic Surveillance  
Electronic Warfare  
Military Communications  
Radar  
Recording Systems  
Signals Intelligence

### Communication

Cellular / Mobile Telephony  
Military Communications  
Satellite & Telemetry  
Telecommunications  
Test & Simulation  
Wireless Networks

### Software Radio

Electronic Countermeasures  
Electronic Surveillance  
Electronic Warfare  
Military Communications  
Radar  
Satellite & Telemetry  
Signals Intelligence