Application Independent Processor ™

Application Independent Processor (AIP™) Space Off The Shelf (SOTS™)

The Application Independent Processor (AIP™) is a flexible modular processing platform built by SEAKR® Engineering Inc. It is easily adapted to meet a variety of applications.

For more information, please contact proposal.team@seakr.com.

Application Independent Processor™ Technical Specifications

System Overview

- Extended 6u CompactPCI
- RCC® FPGA Processor with Personality Mezzanine
- Athena-3 SBC
- Spare 6u PCI Slot
- 22 – 36 Vdc Power Supply (MIL-STD-461C Compliant)

Athena-3 SBC

- PowerPC 2450 DMIPS
- Spacewire
- 1000 bT Ethernet
- Standard PMC Interface

ReConfig. FPGA Processor

- RCC4-LX160
- RCC4-LX200
- RCC5-FX130T/SIRF
- Configuration Scrubber for Radiation Mitigation
- RCC Mezzanine for Unique Interfaces

SWaP

- 23 lbs
- 11.5W x 10.0D x 7.8H inches
- 40—80 Watts (Dependent on FPGA Code Utilization and Frequency)

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