



Avionics module is an Intelligent and powerful computing cluster, replacing multiple LRU's in Aerospace vehicles. The system has scalable architecture to cater additional I/o requirements as per the design specifications of vehicle. The system is qualified as per MIL-STD 461D.

SPECIFICATIONS

Processor	: Power PC @ 600MHz(Dual Core)
Memory	: SDRAM: 128MB, FLASH:64MB, NVRAM: 32KB, SRAM: 22K
Communication	: 10/100 Ethernet: 2 Channels 1553 B: 2 Channels (Dual Redundant) RS422: 3 Channels ARINC Tx: 2 Ch & Rx: 4 Ch
Digital IO	: DOP's: 56 Nos DIP's: 48 Nos External Interrupts: 6 Nos
ADC	: 16 Channels (8 SE AND 8 DE), 16 bit
DAC	: 8 Channels, 16 bit
Power	: 28V (±15V, ±5V, 3.3V)

* Note : Specifications are subject to change without notice