Avionics module is an Intelligent and powerful computing cluster, replacing multiple LRU’s in Aerospace vehicles. The system has scaleable 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