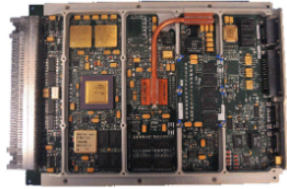




Medusa SBC



PowerPC® Single Board Computer

The Medusa Single Board Computer (SBC) is SEAKR's fourth iteration of the PowerQUICC®-III high performance PowerPC Single Board Computer (SBC) product line. It was designed initially for a high volume communication processor, but it is ideal for a variety of mission applications.

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

Medusa SBC Technical Specifications

Key Features

- 2450 DMIPS @ 1.066 GHz
- PowerPC® e500 core
- VxWorks RTOS (Baseline)
- Linux RTOS (Optional)
- TRL9

Memory

- 1 GByte DDRII SDRAM
- 1 Gbyte Flash
- 256 Kbytes EEPROM
- 32 Kbytes of L1 Cache
- 512 Kbytes of L2 Cache

I/O

- 13 SpaceWire Ports
- 11 RS-422 Ports
- One 1000 bT Ethernet port
- Two 1553 ports (RT)
- 4 GPI, 4 GPO (Backplane)

SWaP

- Extended 6u
- 2.5 lbs
- 20 Watts (typical)