

Rugged Storage System: RSS-104

Description

The RSS-104 allows for recording and storage of mission critical data in a small, rugged, and lightweight package. It supports interfacing with the PC/104 bus, allowing it to be easily integrated into any PC/104 system.

The RSS-104 provides an ideal solution for data recording in harsh environments. By utilizing a unique and proprietary combination of rugged, shock resistance hard drive for large data storage with a highly reliable solid state storage buffer, the Rugged Storage Module achieves unprecedented levels of reliability, data storage, and low cost providing an excellent solution for data recording and storage.

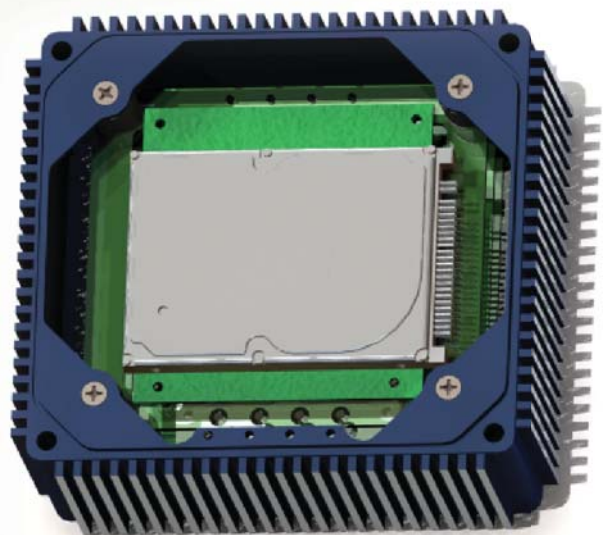
Features

- Unique combination of solid state and hard drive storage
- Provides 30GB to 80GB storage (future options for up to 240GB)
- Highly rugged and reliable system
- Compact form factor
- Standard interfaces include Ethernet, PC/104, and PC/104+ (future)
 - Additional interface options are available
- Supports RAID 0 and RAID 1 hard drive configuration (future)

Applications

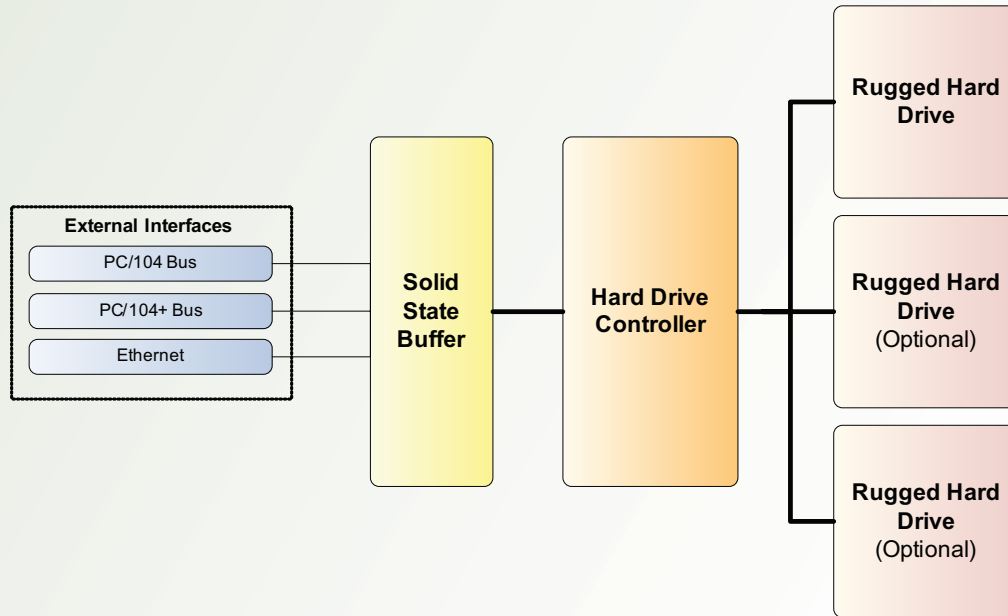
- Military and Commercial Aircraft
- Military and Commercial Helicopters
- Military and Commercial Marine Vehicles
- Military and Commercial Applications
- Rotary and Fixed Wing Aircraft
- Ground Vehicles

RSS-104



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System Diagram



Specifications

Storage Capacity

- RSS-304: 30GB Storage Capacity
- RSS-404: 40GB Storage Capacity
- RSS-604: 60GB Storage Capacity
- RSS-804: 80GB Storage Capacity
- RSS-1604: 160GB (future) Storage Capacity
- RSS-2404: 240GB (future) Storage Capacity

- Altitude: 5000 meters, unpressurized cabin
- Operating Temperature: -30°C to +65°C
- Storage Temperature: -40°C to +95°C
- Humidity: 5% to 90% RH
- Shock (Operating): 150Gs for 11ms, 300Gs for 2ms
- Power: Provided by the PC/104 bus

Contact Information

VPI Embedded

11814 S. Election Road, Suite 200
 Draper, UT 84020
 801-495-2310
www.vpiembedded.com
info@vpiembedded.com