Rugged computer systems

Octagon Systems
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RMB-C1

Environmentally sealed, rugged mobile server.
The RMB-C1 is designed for applications where severe environment and high performance meet, requiring a COTS-level solution. Long-term reliability is the core of our COTS design philosophy. The RMB-C1 is one of our CORE Systems™ products, whose tightly integrated design ultimately combines the electrical, thermal, and mechanical components into a complete system with no compromise to any one segment.

The RMB-C1 packages an advanced computer/server system in an environmentally sealed enclosure. The unique thermal design allows fanless operation over the full temperature range with CPU speeds to 1.5 GHz. The RMB-C1 can be used as a central server, a stand-alone CPU, or a remote control.

FEATURES

> -40 °C to +85 °C, operating temperature
> 1.5 GHz CPU
> Optional UPS module to protect data
> MIL-STD-810F available, Meets CE Class requirements
> PC/104 and Mini PCI expansion, Up to three (3) wireless devices supported
> 122 mm high x 170 mm wide x 340 mm deep