OUTER SPACE SOLUTIONS

Rugged Computing for Outer Space Applications by Core Systems

Advanced Computing Solutions for Outer Space

Modern Computing for the Next Frontier

Space missions require computing systems that can withstand extreme temperatures, radiation, and vacuum conditions. Core Systems offers cutting-edge rugged computing solutions optimized for space exploration and defense.

Key Products for Space Applications

Application-Specific Designs

Rugged Embedded Computers

- **Radiation-Hardened Design:** Built for space conditions.
- **Lightweight and Compact:** Ideal for onboard satellites and rovers.
- **Real-Time Data Processing:** Supports critical missions.

Rugged Data Storage Systems

- **Secure and Durable:** Ensures data integrity during spaceflight.
- **Hot-Swappable Drives:** Enables easy data retrieval and maintenance.

Deployable Edge Computing

- **AI-Enabled Systems:** Optimized for autonomous operations.
- **Thermal Management Systems:** Operates reliably in extreme conditions.

Why Core Systems?

Find Your Solution for Outer Space Applications

Core Systems delivers high-performance, customizable solutions designed to meet the rigorous demands of outer space applications. With proven reliability trusted by top aerospace organizations, our products support mission-critical tasks with unwavering precision. Our end-to-end support ensures that from initial design to final integration, your technology performs flawlessly at every stage.

- **Proven in Harsh Environments:** Reliable performance under extreme conditions.
- **Tailored Space Solutions:** Custom configurations for every mission.
- **End-to-End Support:** From design to mission execution.

Key Features

We Provide Modern Solutions You Can Trust

Space-Tested

Our systems endure the harsh conditions of space, including radiation exposure and extreme temperatures.

Multi-Orbit Use

Designed for flexibility, our solutions function across different orbital environments, from low Earth orbit to geostationary orbit.

NASA Trusted

We have worked with NASA to develop rugged computing solutions that have the capability to operate beyond our atmosphere.

Battle-Tested

Our solutions have endured the toughest environments on earth to prepare for the evolution of modern warfare into outer space.

Applications & Solutions

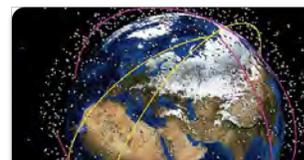## Let Us Design a Solution That Fits Your Application

Satellite Systems

Rugged computing solutions for satellite control and monitoring, ensuring reliable performance in outer space.

Space Protection

Custom solutions that support scientific research, payload management, and data collection in exploratory missions.

Debris Monitoring

Systems designed for tracking and analyzing space debris, enhancing operational safety for spacecraft.

Communication

Systems designed for real-time data collection and analysis, supporting decision-making in naval operations and ensuring environmental compliance.

Find Your Solution Today

Start Your Project With Core Systems

Core Systems is a rugged computing company that provides a variety of technology solutions for military and industrial applications. We design and build servers, displays, mission computers and fully integrated cabinet solutions out of our 85,000 sq. ft. facility located in San Diego, California.

Core Systems designs and manufactures best-in-class industrial and military computing systems based on our customer's specifications. We offer ground-up solutions and with our on-site testing and fabrication centers, the entire process is expedited from conception to assembly.

Speak to a representative today by calling **858-683-1483**

HOURS OF OPERATION
Monday - Friday 8am - 8pm PST

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