



DURABLE, MISSION-READY COMPUTING FOR CHALLENGING GROUND FORCE OPERATIONS

Rugged Computing Solutions for Ground Forces

Ground forces require rugged computing systems that operate reliably in the most challenging conditions. Our supplier Core Systems provides durable, mission-ready solutions designed to withstand harsh environments, including shock, vibration, dust and extreme temperatures, ensuring seamless performance for soldiers on the move.

Key Products for Ground Force Applications

Application-Specific Designs

Rugged Rackmount Servers & Portable Computers

- **Vibration-Resistant Build:** Withstands movement and rough terrain.
- **Hot-Swappable Components:** Ensures quick maintenance during missions.
- **Customisable Options:** Integrates with existing command systems.

Rugged Displays and Laptops

- **Military-Grade Durability:** Resistant to dust, water and impact.
- **Long Battery Life:** Supports continuous operations in the field.
- **Secure Communication:** Features encrypted data transmission.

Deployable Edge Systems

- **Compact & Portable:** Ideal for command centres.
- **Real-Time Data Analytics:** Supports rapid decision-making.
- **Thermal Control Design:** Operates reliably in extreme climates.

Find Your Solution for Ground-Based Applications

Core delivers high-performance, customisable solutions designed to meet the rigorous demands of ground applications. With proven reliability trusted by top defence organisations, these products support mission-critical tasks with unwavering precision. End-to-end support ensures that from initial design to final integration, your technology performs flawlessly at every stage.

- **Field-Proven Durability:** Trusted by military forces worldwide.
- **Integrated Systems:** Tailored to meet the needs of modern ground warfare.
- **Comprehensive Support:** From design to deployment and maintenance.

Key Features

Modern Solutions You Can Trust



Shock & Vibration

Systems designed for rugged vehicles and mobile units, ensuring continued operation in tough terrains.



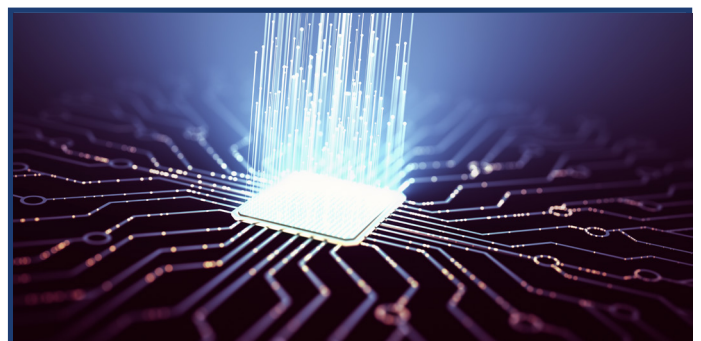
SWaP-Optimised

Core's solutions minimise size, weight, and power consumption while maximising capability and performance.



All-Terrain Mobility

Core provide portable computing solutions that can be easily deployed in field operations, making them ideal for tactical ground missions.



Energy Efficiency

Their systems are optimised for low-power consumption to extend operational life in mobile and off-grid deployments.

Applications & Solutions

Let's Design a Solution That Fits Your Application



Avionics Systems

Designed for navigation, communication and mission planning, these systems enable accurate flight operations and data integration.



Airborne Surveillance

Crystal-clear displays for enhanced situational awareness, ideal for pilot displays, tactical data link systems, and flight management systems.



Mission Planning

Their systems can be designed to work with ground sensors and drones for real-time monitoring of operational areas.



Logistics

Real-time logistics and supply chain monitoring systems to ensure resources and equipment arrive where and when they're needed.



Consult — **Collaborate**
Create — **Construct**
Design — **Develop**
Invent — **Innovate**
Supply — **Support**



About Us

Unitronix are an innovative engineering-capable distributor and manufacturer of rugged, embedded computing solutions for military, aerospace and high-end industrial applications. Our own innovative Rugged Embedded Nodes - REN are reusable, reconfigurable, recyclable, cutting carbon footprint and saving cost.



DEFENCE | SPACE | AI | SIGNAL PROCESSING | TRUSTED EMBEDDED | C6-ISR/EW

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