



BUILT TO PERFORM. PROVEN TO ENDURE. ENGINEERED TO SERVE.

Your partner in rugged, high-performance tech solutions.

Engineered, built, and tested in the U.S.A.

Crystal Group isn't your typical tech company. Headquartered in Iowa, we control every phase of development—engineering, prototyping, CNC machining, configuration, and final testing—all under one roof. This full vertical integration allows us to respond faster, innovate smarter, and ensure absolute consistency from concept to deployment.

Proven rugged technology-trusted anywhere

Our high-performance compute solutions combine leading-edge COTS technology with proprietary ruggedization to perform in the harshest environments. Whether integrated into defense platforms, autonomous systems, or industrial controls, our systems thrive where commercial options fail—delivering the durability and reliability our partner's demand.

Reliability that reduces cost and risk

Our mission is to help you meet yours—without compromise. That's why our systems are designed for longevity, backed by a standard five-year warranty, and supported by industry-best service. The result? Greater uptime, fewer replacements, and a lower total cost of ownership.

Always-on support, built into every solution

Service matters, especially when lives, missions, or revenue are on the line. Our in-house technical services team is available 24/7/365, delivering expert support on your schedule. We know your environment, and we speak your language, making support simple and effective.

Agility and precision, without trade-offs

From rapid prototyping to tailored systems, we move quickly without cutting corners. Our vertically integrated process and rugged expertise allow us to deliver custom solutions at the speed your application requires, without sacrificing quality or compliance.

Crystal Group delivers more than rugged technology—we deliver confidence, built in America and backed by the people who build it. Reliable. Responsive. Ready for your mission.



CRYSTAL GROUP DEFENSE CAPABILITIES

At Crystal Group, we design every defense system from the chassis up—with a clear focus on survivability, security, and sustained performance. From battlefield command centers to shipboard systems, our rugged tech solutions are engineered to meet the uncompromising demands of modern military operations.

Built for defense. Backed by performance.

•Rugged, aircraft-grade, aluminum chassis

Designed for durability in extreme conditions, our rugged enclosures shield critical electronics from impact, dust, and moisture. Optimized for defense environments with battlefield-proven architecture.

•Advanced thermal management

Intelligent cooling designs maintain performance in high-heat, high-load environments—reducing thermal risk and extending component life.

•Precision shock and vibration isolation

Custom internal mounting and damping systems protect sensitive components during transport, deployment, and operation—even under the most punishing conditions.

•Mission-critical standards

Crystal Group systems are tested to key MIL standards, including:

- **MIL-STD-810, MIL-STD-167-1, MIL-STD-461, MIL-S-901**
- **IP68** sealed solutions protect against the elements
- **CE** certification available based on mission needs

•Vertically integrated manufacturing

We control the entire lifecycle—from design to deployment—ensuring unmatched speed, accountability, and confidentiality for defense programs.

Why defense leaders choose Crystal Group:

- Trusted by all branches of the U.S. military and allied forces
- Proven performance across land, sea, air, space, and cyber domains
- In-house experts with deep DoD program knowledge
- Secure supply chain and full traceability
- ITAR registered, ISO 9001:2015 and AS9100D certified

Crystal Group delivers rugged solutions that warfighters rely on—wherever the mission leads.

Ready to configure your defense-grade compute system? Let's talk.

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