Mechanical Systems Division
Design and Manufacturing
Design, Engineering and NPI

Sanmina provides integrated design and manufacturing solutions for enclosure fabrication, precision machining, welded frames and complete systems integration. Services include turnkey design, prototyping and DFX.

Design & NPI Through Engineering Expertise
Customers shorten the time to take a product from concept to production by leveraging Sanmina's mechanical design expertise. Our experienced engineers are located in multiple design centers and have decades of experience in enclosure, precision machining, welded frame and systems design.

Engineering Services
Customers achieve higher quality & more cost effective designs using Sanmina’s engineering services including:
- Structural & thermal analysis
- CAE, DFM, design for cost
- Product integrity
- Interconnect & cables
- Documentation & change management
- Static & dynamic test support

World’s Most Ruggedized Rack
Customers can accelerate time to market using Sanmina’s modular enclosure platform. Configurable pre-engineered building blocks are combined to simplify and expedite the development process. Custom designs for specific customer applications are optimized for efficient manufacturing.

SANMINA DESIGNS THE WORLD’S MOST RUGGEDIZED ENTERPRISE RACKS
State of the Art Equipment

Ongoing investment in the latest technologies including 5-axis machining, multi-function laser/punch systems, robotic welding & automated material handling provides Sanmina's customers with the best metal fabrication solutions available.

Manufacturing Services
Sanmina provides precision machining, welding, metal fabrication and systems integration services for some of the world's most complex systems.

Standard Equipment Set
Equipment & processes are standardized around the world to facilitate easy transfer of products & best practices between facilities. Sanmina utilizes a proprietary real-time SPC data analysis system integrated directly into CNC machines to ensure reliable process control.

One IT and Quality Management System
Our IT and quality management system are developed centrally, deployed in all facilities and audited independently. This ensures consistency of results and efficiently leverages of best practises in all locations.

1.5M+ SQUARE FEET OF MANUFACTURING SPACE
Expertise in Capital Equipment, Semiconductors, Medical, Industrial, and Avionics Market Segments

Sanmina provides precision machining, enclosure fabrication, complex welding, and electronics manufacturing services. We assemble and test complex electromechanical systems for leading capital equipment suppliers.
Sanmina provides fully integrated design & manufacturing services for a variety of electronic assemblies & systems in applications including self-service kiosks, smart lockers, data center and telecommunications systems.
ABOUT SANMINA CORPORATION
Sanmina Corporation is a Fortune 500 company and a leading global provider of integrated manufacturing solutions, components, products, repair, logistics and after-market services. Recognized as a technology leader, Sanmina provides end-to-end manufacturing solutions, delivering superior quality and support to Original Equipment Manufacturers (OEMs) primarily in the communications networks, cloud solutions, medical, defense and aerospace, industrial and automotive segments. Sanmina has facilities strategically located in key regions throughout the world.

For more information, visit www.sanmina.com
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