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JOINT DESIGN & MANUFACTURING SERVICES



# Joint Design & Manufacturing Services

**Collaborate. Create. Succeed.**



# Joint Design & Manufacturing Services



## Leading Joint Design and Manufacturer of Flexible Storage Enclosures

For over 20 years, Original Equipment Manufacturers (OEMs) have turned to members of the Sanmina-SCI® Storage Design and Engineering team for leading-edge design, development and production of top storage products. Our Joint Design and Manufacturing (JDM) services offer a broad range of value-added solutions, from concept development and detailed design to prototyping, volume production and end-of-life support. With the global manufacturing of Sanmina-SCI, and our innovation of build-to-order (BTO) and configure-to-order (CTO) manufacturing methodologies, we are able to meet the stringent design and manufacturing requirements of any customer, anywhere in the world.



## Design Innovation and Service

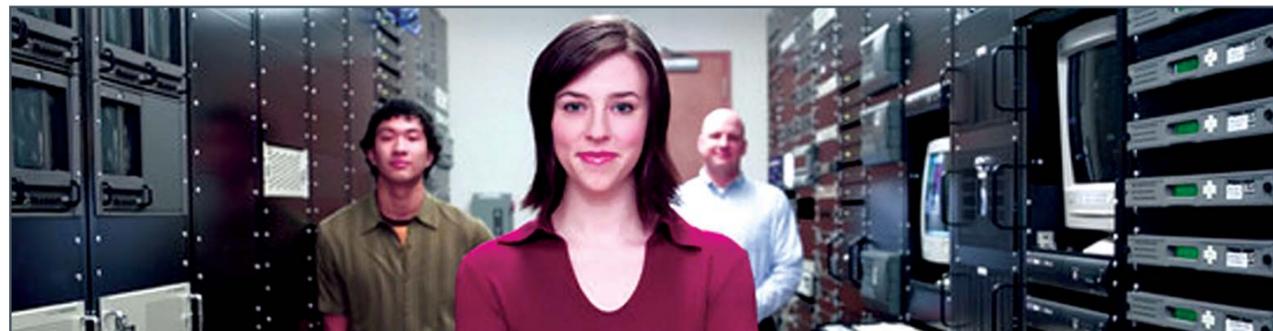
Our OEM customers know collaboration with Sanmina-SCI, and our wholly owned subsidiary Newisys®, means access to the latest storage technologies, unprecedented product price/performance and leading global manufacturing services. When you partner with Sanmina-SCI and access our JDM services you get the best of all worlds. We offer a broad range of value-add design and engineering services, while becoming your partner in product development. Benefits include:

- Foremost industry technology
- Pre-eminent experts
- Storage industry's most enduring product team
- State-of-the-art engineering and test labs
- Reduced ramp-up time and internal staffing costs
- Collaborative project management
- Complete project transparency and visibility
- Highly flexible and reliable end-to-end manufacturing
- Low overall project costs

## Partner with the Storage Innovators

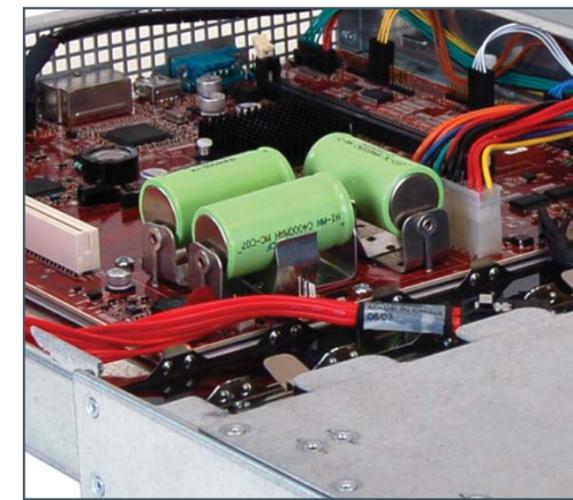
The Sanmina-SCI storage design team members are industry innovators. Together for more than 20 years, this cohesive team has released over 14 product generations and has been consistently first-to-market with these products. The 33 patents awarded substantiate this world-class team's diverse technical experience. Thanks to the unrivaled technical leadership of this storage design team, we make it easy for customers like you to take advantage of our broad range of expertise. We are experts in:

- High-frequency, high-bandwidth designs
- Backplane and interconnect technologies
- Fibre channel, SCSI, SATA and SAS technologies
- Disk drive carriers
- Rotational Vibration Interference (RVI)
- Thermals
- Mechanical enclosures



## Leverage Industry Relationships

With the Sanmina-SCI design team's history in the storage industry comes strong industry relationships forged over the years with other storage component and technology providers. Our partner relationships ensure that you have access to the most competitive component costs, plus specialized care for your specific component and technology needs. Sanmina-SCI continues to be a driving force in the direction of storage technology. We hold leadership positions in industry standards and technology organizations, allowing our design and storage team the opportunity to steer the direction of accepted technologies in this field.



## Access to State-of-the-Art Design Facilities

Located in Colorado Springs, Colorado, our storage design facilities provide extensive engineering, system verification and testing labs. Our testing labs include:

- State-of-the-art design simulation tools
- Full capability storage test lab
- Experienced team of storage test engineers
- New and legacy enterprise storage product system level qualification
- Disk drive qualification for enterprise storage products
- Storage product firmware and management software qualification
- Storage systems solutions and application testing

## Flexible Sanmina-SCI Global Manufacturing

Sanmina-SCI is one of the world's largest Electronics Manufacturing Services (EMS) providers. Since the Company began in 1980, it has adhered to a customer-centric philosophy that puts the customer first and delivers what each defines as value. Today, Sanmina-SCI provides complete end-to-end manufacturing services to companies of all sizes, geographic locations and end markets.

As a global company with a solid manufacturing infrastructure and leading-edge capabilities, Sanmina-SCI designs, manufactures and delivers electronics products into virtually every major marketplace in the world. Whether you need local, regional or global manufacturing solutions and support, Sanmina-SCI helps you reduce new market risks with enhanced product quality, decreased time-to-market and improved customer satisfaction.

