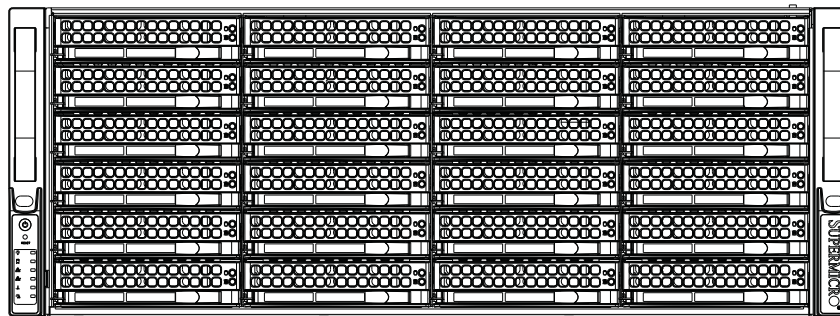




# SC847 CHASSIS SERIES CONNECTIVITY CONFIGURATIONS



## QUICK REFERENCE GUIDE

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**WARNING:** Handling of lead solder materials used in this product may expose you to lead, a chemical known to the State of California to cause birth defects and other reproductive harm.

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Table of Contents

          Contacting Supermicro.....v

***SC847 Chassis Connectivity Configurations Quick Reference Guide***

1-1   Overview ..... 1-1

1-2   Connectivity Configurations ..... 1-2

          Configuration One ..... 1-2

          Configuration Two ..... 1-3

          Configuration Three..... 1-4

          Configuration Four ..... 1-5

          Configuration Five ..... 1-6

          Configuration Six..... 1-7

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# SC847 Chassis

## Connectivity Configurations

### Quick Reference Guide

#### 1-1 Overview

This quick reference guide serves as a supplement to the SC847 chassis manual. It provides diagrams showing the supported backplane connectivity options for the chassis, without including details on chassis maintenance, configuration or safety warnings. This guide is designed for use by experienced technicians. For detailed information on the SC847 chassis visit the Supermicro Web site and download the full chassis manual at <http://www.supermicro.com/products/chassis/4U/?chs=847>



Review the warnings and precautions listed in the SC847 chassis manual before setting up or servicing the SC847 chassis. These include information in Chapter 2: System Safety and the warnings/precautions listed in the setup instructions.



**Safety Warning:** Before performing any chassis setup or maintenance, it is recommended that the chassis be removed from the rack and placed on a stable bench or table. For instructions on how to uninstall the chassis from the rack, refer to Chapter 5 Rack Installation of the SC847 chassis manual.

## 1-2 Connectivity Configurations

The following diagrams represent the different connectivity configuration options supported by the SC847 E series chassis.

### Configuration One

- Connectivity: Parallel
- Features: Performance
- Drive types: SAS/SATA
- Backplane type: Single expander

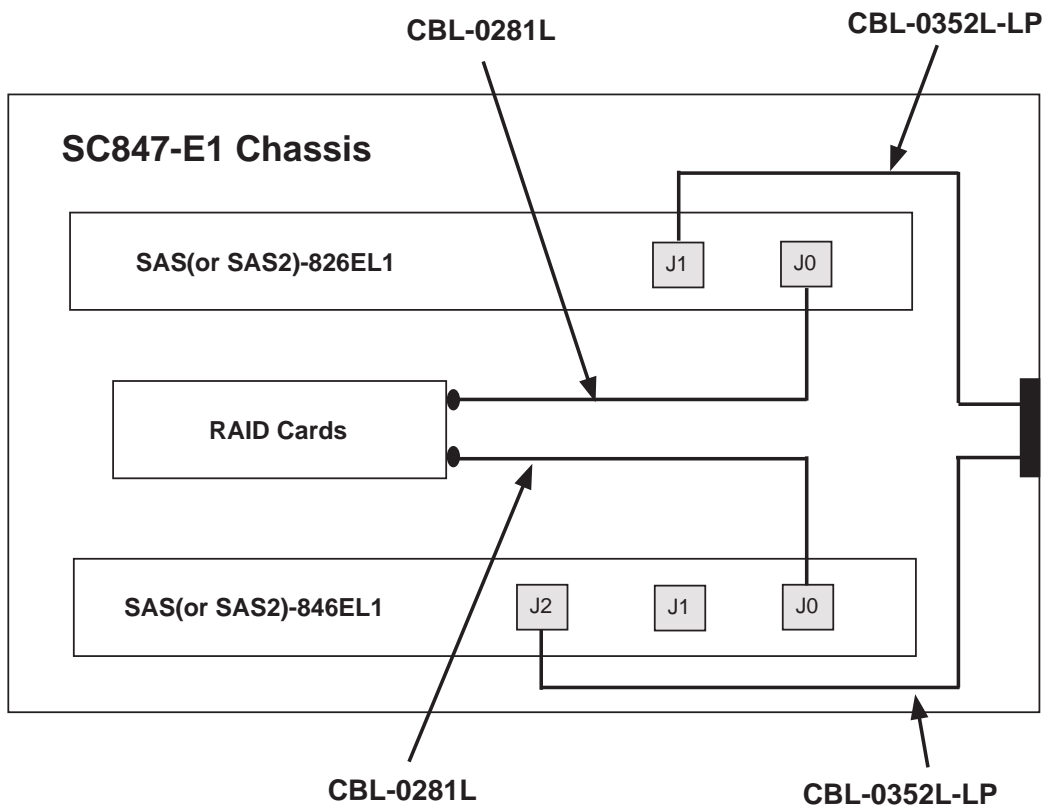


Figure 1-1: Connectivity Configuration Option One

## Configuration Two

- Connectivity: Parallel
- Features: Performance/multi PCI buses
- Drive types: SAS/SATA
- Backplane type: Single expander

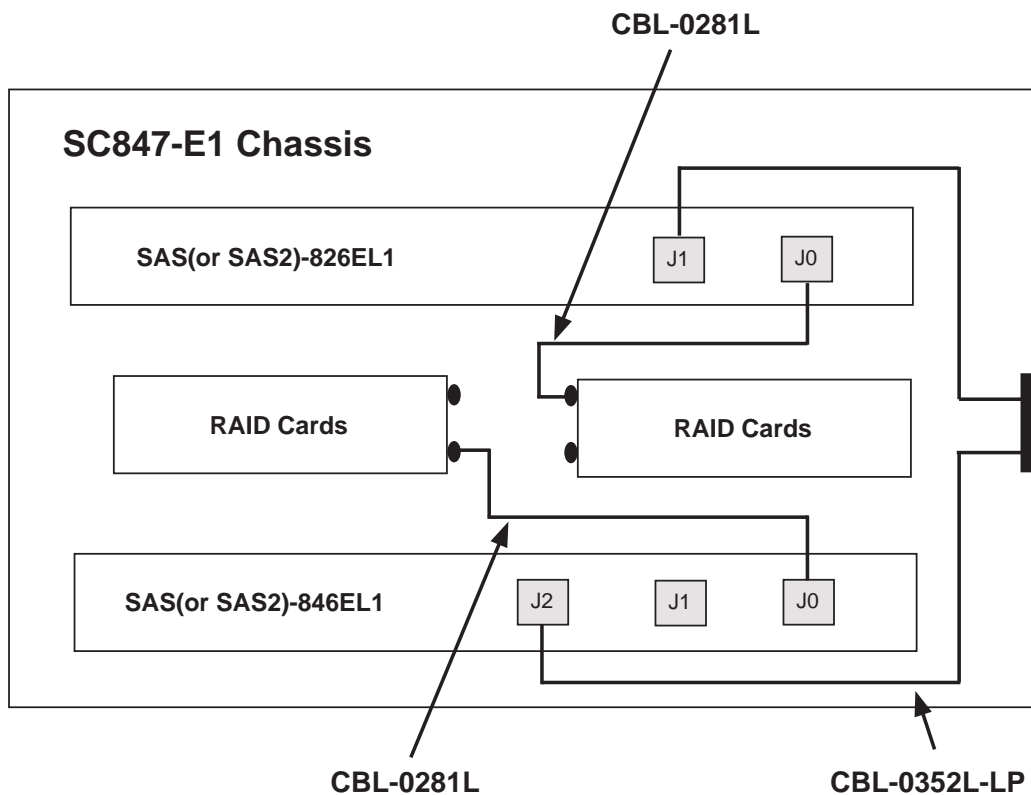


Figure 1-2: Connectivity Configuration Option Two

### Configuration Three

- Connectivity: Serial
- Features: Capacity
- Drive types: SAS/SATA
- Backplane type: Single expander

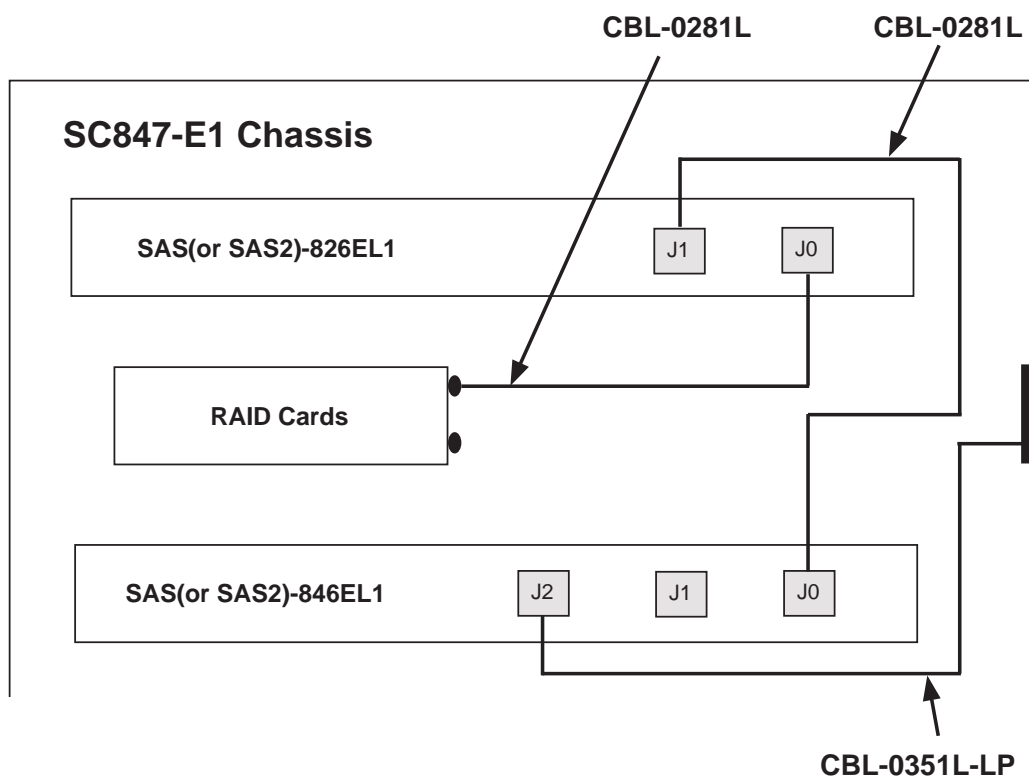


Figure 4-19: Connectivity Configuration Option Three



### Configuration Four

- Connectivity: Serial
- Features: Capacity
- Drive types: SAS/SATA
- Backplane type: Single expander

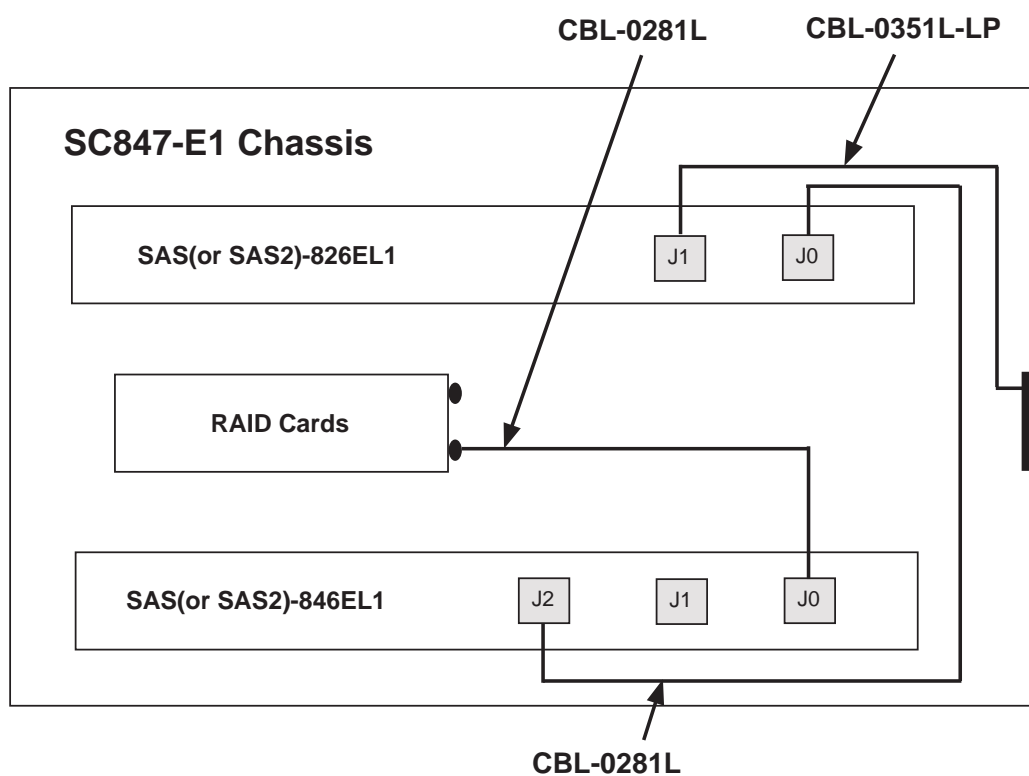


Figure 4-20: Connectivity Configuration Option Four

## Configuration Five

- Connectivity: Serial
- Features: Redundancy
- Drive types: SAS only
- Backplane type: Dual expander

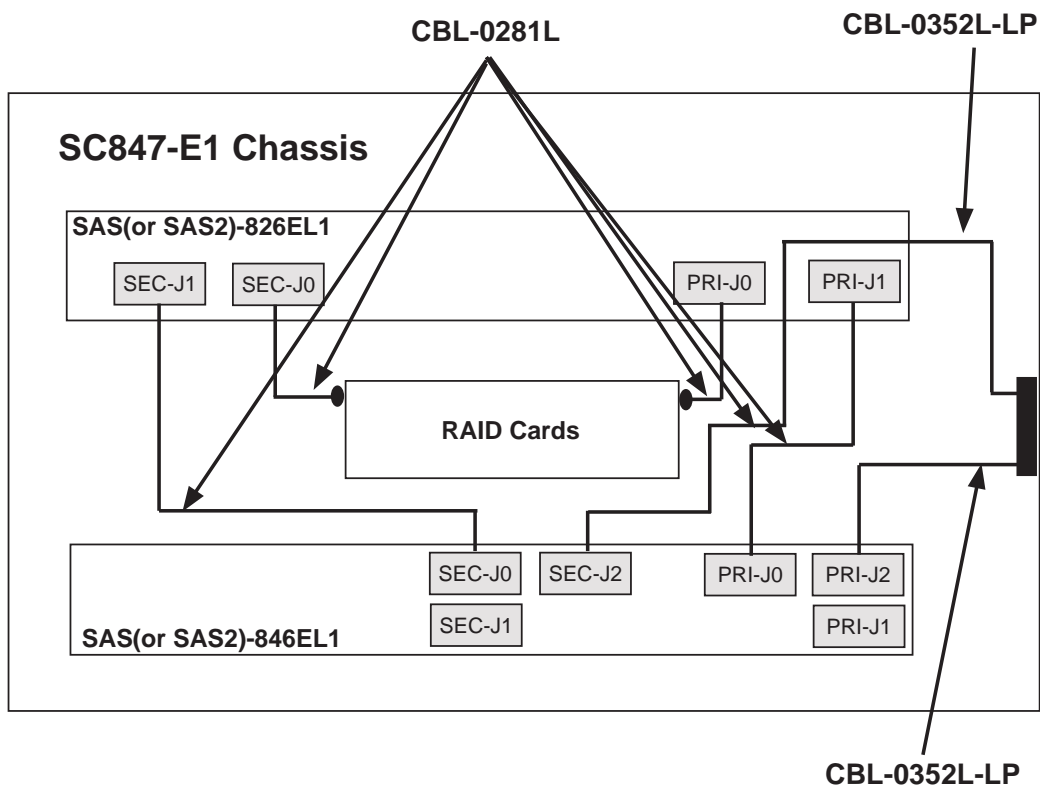


Figure 4-21: Connectivity Configuration Option Five

## Configuration Six

- Connectivity: Parallel
- Features: Redundancy/performance/multi PCI buses/capacity
- Drive types: SAS only
- Backplane type: Dual expander

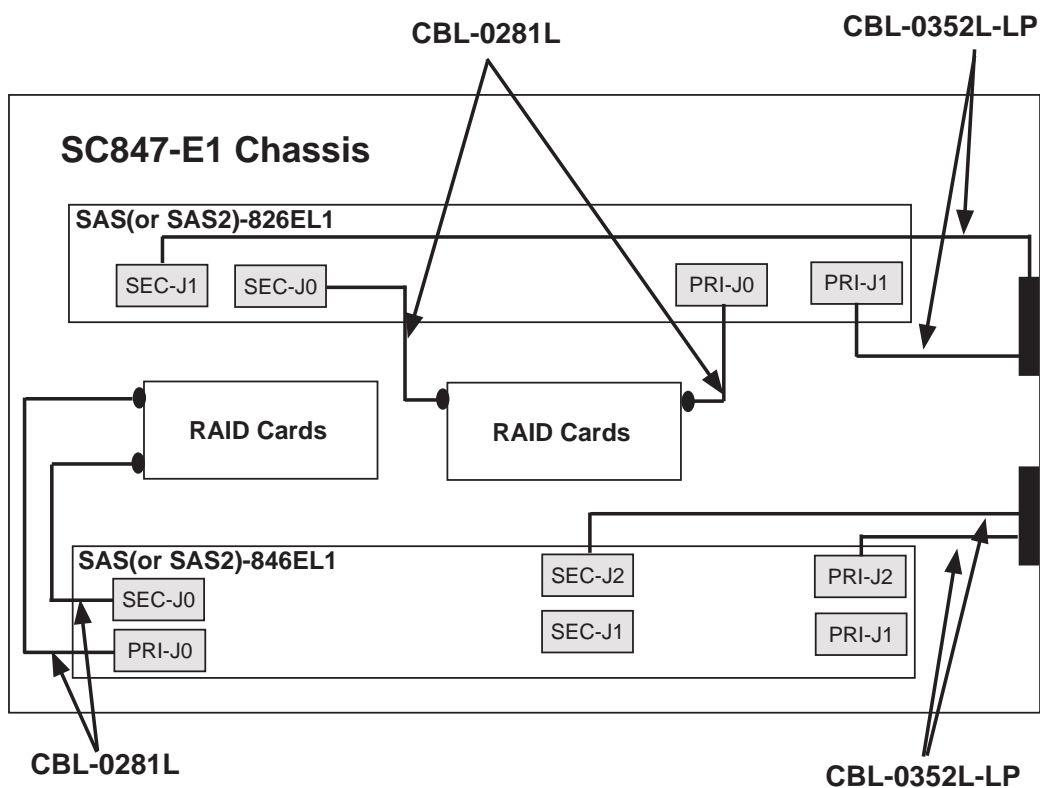


Figure 4-21: Connectivity Configuration Option Five

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