



**Installing Cache Protection for RAID 3108
Card on BigTwin Server**

User's Guide

Revision 1.0

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Document Revision History

Date	Revision	Description
12/10/2018	1.0	Initial document.

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1 Introduction

This guide is written for professional system integrators and PC technicians to become familiar with the optional parts BTR-TFM8G-LSICVM02 and BKT-BBU-BRACKET-05. The optional parts add cache protection to the RAID add-on module on the SuperServer BigTwin series.

For more detail about the SuperServer BigTwin series, please see <https://www.supermicro.com/products/system/2U/2029/SYS-2029BT-HNC1R.cfm> and <https://www.supermicro.com/products/system/2U/2028/SYS-2028BT-HNC1R.cfm>.

1.1 RAID Card Cache Protection Components

The SuperServer BigTwin series' RAID add-on module comes with the option to install cache protection. The components include two parts, BTR-TFM8G-LSICVM02 and BKT-BBU-BRACKET-05.

BTR-TFM8G-LSICVM02 includes a power cable, a SuperCap battery pack, a TFM module that connects to the RAID add-on module, and a battery pack bracket (not shown in Figure 2-1).



Figure 2-1 BTR-TFM8G-LSICVM02

BKT-BBU-BRACKET-05 includes a mounting bracket.



Figure 2-2 BKT-BBU-BRACKET-05

2 Installation

1. Install the battery pack bracket to the mounting bracket.

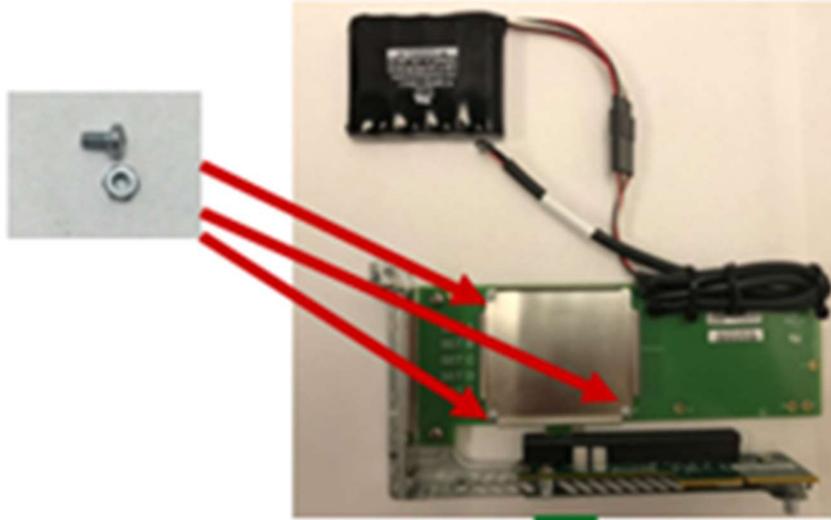


Figure 3-1. Install battery pack bracket

2. Install the SuperCap battery pack as shown in Figure 3-2.
3. Wrap the power cable as shown in Figure 3-2 and secure it to the mounting bracket with two seal locks.



Figure 3-2. Install battery pack and wrap power cable

4. Connect one end of the power cable to the SuperCap battery pack.

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5. Install the TFM module onto the RAID add-on module as shown in Figure 3-3.

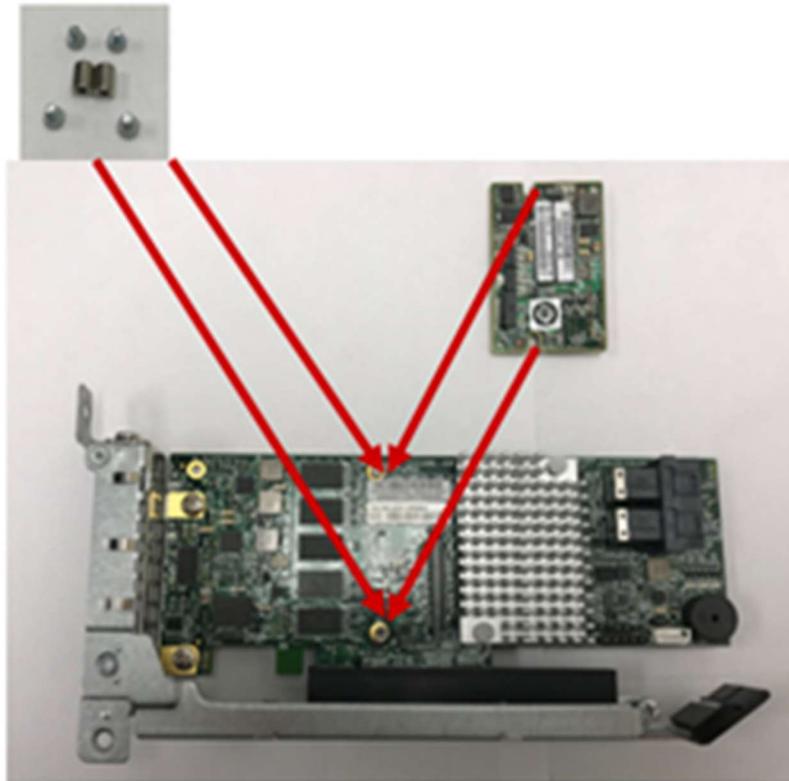


Figure 3-3. Install TFM module onto RAID add-on module

6. Install the RAID add-on module onto the motherboard.
7. Install the mounting bracket in slot 9-12.
8. Connect the remaining end of the power cable to the TFM module as shown in Figure 3-4.

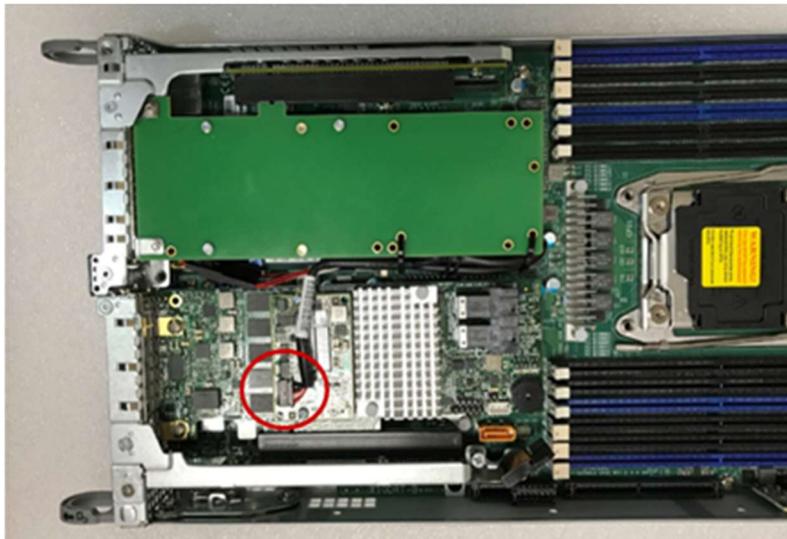


Figure 3-4. Connect power cable to the TFM module

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