

## Server-grade MegaRAID 9217-8i expansion card with dual MINI SAS SFF8087 connectors

# SST-ECS04



8 x SAS/SATA ports

Supports SAS/SATA 6Gb/s

PCI-E Gen 3.0 x8 throughput 64 Gbps

Low profile design

Supports RAID 0, 1, 1E, 10

[www.silverstonetek.com](http://www.silverstonetek.com)

### Warranty Information

This product has a limited 1 year warranty in North America and Australia. For information on warranty periods in other regions, please contact your reseller or SilverStone authorized distributor.

#### Warranty terms & conditions

- Product component defects or damages resulted from defective production is covered under warranty. Defects or damages with the following conditions will be fixed or replaced under SilverStone Technology's jurisdiction.
  - Usage in accordance with instructions provided in this manual, with no misuse, overuse, or other inappropriate actions.
  - Damage not caused by natural disaster (thunder, fire, earthquake, flood, salt, wind, insect, animals, etc...)
  - Product is not disassembled, modified, or fixed. Components not disassembled or replaced.
  - Warranty mark/stickers are not removed or broken.

Loss or damages resulted from conditions other than ones listed above are not covered under warranty.
- Under warranty, SilverStone Technology's maximum liability is limited to the current market value for the product (depreciated value, excluding shipping, handling, and other fees). SilverStone Technology is not responsible for other damages or loss associated with the use of product.
- Under warranty, SilverStone Technology is obligated to repair or replace its defective products. Under no circumstances will SilverStone Technology be liable for damages in connection with the sale, purchase, or use including but not limited to loss of data, loss of business, loss of profits, loss of use of the product or incidental or consequential damage whether or not foreseeable and whether or not based on breach of warranty, contract or negligence, even if SilverStone Technology has been advised of the possibility of such damages.
- Warranty covers only the original purchaser through authorized SilverStone distributors and resellers and is not transferable to a second hand purchaser.
- You must provide sales receipt or invoice with clear indication of purchase date to determine warranty eligibility.
- If a problem develops during the warranty period, please contact your retailer/reseller/SilverStone authorized distributors or SilverStone <http://www.silverstonetek.com>. Please note that: (i) You must provide proof of original purchase of the product by a dated itemized receipt; (ii) You shall bear the cost of shipping (or otherwise transporting) the product to SilverStone authorized distributors. SilverStone authorized distributors will bear the cost of shipping (or otherwise transporting) the product back to you after completing the warranty service; (iii) Before you send the product, you must be issued a Return Merchandise Authorization ("RMA") number from SilverStone. Updated warranty information will be posted on SilverStone's official website. Please visit <http://www.silverstonetek.com> for the latest updates.

### Additional info & contacts

**For North America** ([usasupport@silverstonetek.com](mailto:usasupport@silverstonetek.com))  
SilverStone Technology in North America may repair or replace defective product with refurbished product that is not new but has been functionally tested. Replacement product will be warranted for remainder of the warranty period or thirty days, whichever is longer. All products should be sent back to the place of purchase if it is within 30 days of purchase, after 30 days, customers need to initiate RMA procedure with SilverStone Technology in USA by first downloading the "USA RMA form for end-users" form from the below link and follow its instructions.  
<http://silverstonetek.com/contactus.php>

**For Australia only** ([support@silverstonetek.com](mailto:support@silverstonetek.com))  
Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Please refer to above "Warranty terms & conditions" for further warranty details.

SilverStone Technology Co., Ltd. 12F No. 168 Jiankang Rd., Zhonghe Dist., New Taipei City 235 Taiwan R.O.C. + 886-2-8228-1238 (standard international call charges apply)

**For Europe** ([support.eu@silverstonetek.de](mailto:support.eu@silverstonetek.de))  
**For all other regions** ([support@silverstonetek.com](mailto:support@silverstonetek.com))

NO: G11228440

## Introduction

SilverStone team has brought server-grade performance to both hi-end and professional users with the ECS04, a SAS/SATA expansion card with PCI-E Gen 3.0 (x8) throughput 64 Gbps.

It has two SFF8087 connectors that can support up to eight SAS/SATA storage drives (single channel).

Based on the LSI SAS2308 RAID controller, this storage expansion card also supports RAID 0/1/1E/10 mode and has protection mechanism for maintaining the integrity of your valuable data.

## Specification

Model No.	SST-ECS04
Interface	Mini-SAS SFF8087 x 2
Form Factor	Low profile - PCI Express 3.0 x8 throughput 64 Gbps
Drive Support	SAS/SATA up to 6Gb/s (up to 256 SAS/SATA devices)
Controller	LSISAS2308 RAID-on-chip
RAID function	0, 1, 1E, 10
PCI Card Type	3.3V Add-in Card
Operating Voltage	+12V +/- 8% ; 3.3V +/- 9%
Brackets	Full height and low profile bracket
Net Weight	86g
Dimension	120mm (W) x 23mm (H) x 170mm (D)

### ENGLISH

For more detail, please refer to the LSI manual on the Silverstone Websites, prior to using the ECS04.

### DEUTSCH

Weitere Einzelheiten entnehmen Sie bitte vor Benutzung des ECS04 der LSI-Anleitung auf der SilverStone-Website.

### FRANÇAIS

Pour plus de détails, veuillez consulter le manuel LSI sur les sites Web de Silverstone avant d'utiliser l'ECS04.

### ESPAÑOL

Para más detalles, por favor consulte el manual LSI en las páginas web de SilverStone antes de usar el ECS04.

### ITALIANO

Per ulteriori dettagli, fare riferimento al manuale LSI che si trova nei siti web Silverstone prima di usare ECS04.

### РУССКИЙ

Перед началом использования ECS04, пожалуйста, ознакомьтесь с руководством пользователя на сайте SilverStone.

### 繁體中文

使用ECS04時，詳情請參閱Silverstone官方網站的LSI使用手冊說明。

### 簡體中文

使用ECS04時，详情请参阅Silverstone官方网站的LSI使用手册说明。

### 日本語

ECS04のご使用に先立ち、SilverstoneウェブサイトにあるLSIマニュアルから詳細をご参照ください。

### 한국어

ECS04를 사용하기 전에 Silverstone 웹사이트의 LSI 설명서에서 자세한 내용을 참조하십시오.