



SILVERSTONE®
Designing Inspiration

SilverStone Technology Co., Ltd.

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RS831S MANUAL

Eight Bay 2U Rackmount
with Mini-SAS interface



RS831S

Eight Bay 2U Rackmount
with Mini-SAS interface



Features

- Support Eight 3.5” SATA HDD
- Built-in power supply and dual 80mm fans
- Compact and screw-less design for easy HDD installation
- Plug and Play
- Support Mini-SAS maximum 6Gbps transfer speed

Specifications

Model No.	SST-RS831S
Enclosure Material	Aluminum + SECC
Color	Black
Power Supply	Internal universal power supply switch (115V/230V) Input: AC 100-130V/200-260V, 50Hz/60Hz Output: DC +5V/14.5A +12V/19A
Drive Size Support	3.5” SAS/SATA HDD/SSD
Drive Interface Support	SAS*, SATA I / II / III*Please see footnote at bottom of page
Enclosure Interface	Mini-SAS port x2 (SFF-8088 connector)
Cooling FAN	80mm fan x 2
Net Weight	7850g±20g
Dimension	440mm (D) x 302mm (W) x 88mm (H)
Computer System Requirements	Windows XP, Vista, 7 Mac OS 10.x Linux Kernel 2.6.31 or above

*Your system must have SAS controller if you want to use SAS HDD

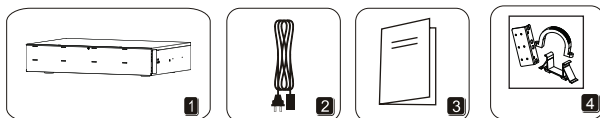
*Hard drive capacity and RAID support is dependent on mini-SAS controller used

PRODUCT INTRODUCTION

SilverStone created an incredible 2U rackmount storage product in the RS831S. It connects to the PC via 6Gbps SAS/Mini-SAS interface which enables data transfer with maximum compatibility and stability. The RS831S offers a convenient and economical way to store data and is suitable for all users that require frequent backup and data manipulation.

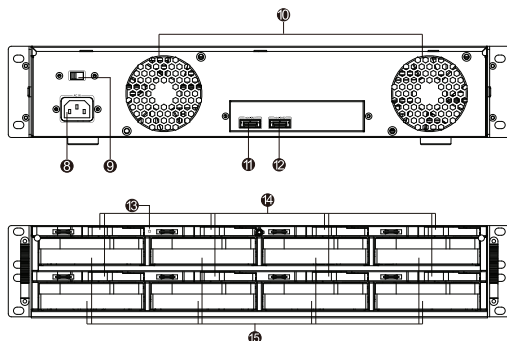
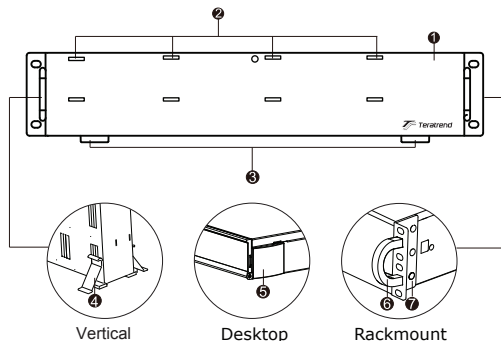
PACKAGE CONTENT

1. RS831S external enclosure
2. Power Cord
3. User Manual
4. Accessory pack



HARDWARE GUIDE

Front View

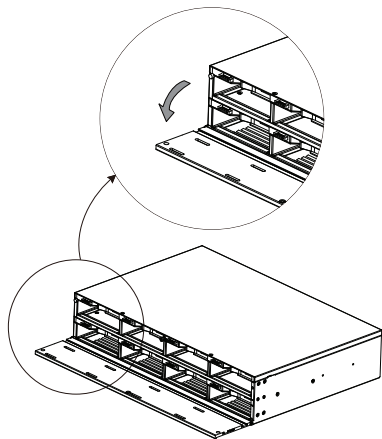


Front Open View

- | | | |
|----------------|-------------------|---------------------------------------|
| 1. Door | 6. Door handles | 11. MiniSAS Port1(SFF-8088 connector) |
| 2. HDD LED | 7. Angle bracket | 12. MiniSAS Port2(SFF-8088 connector) |
| 3. Rubber feet | 8. Power socket | 13. Power button |
| 4. Feet frame | 9. Voltage switch | 14. HDD release latches |
| 5. Rubber caps | 10. Fans | 15. HDD slots |

Hard drive installation

1



ENGLISH

Open the front door

РУССКИЙ

Откройте переднюю дверцу

DEUTSCH

Öffnen Sie die Frontklappe

繁體中文

打開前門

FRANÇAIS

Ouvrez la porte d'accès frontal

簡體中文

打开前门

ESPAÑOL

Abra la puerta frontal

日本語

フロントドアを開く

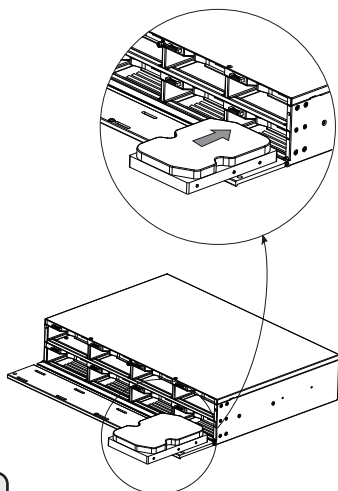
ITALIANO

Aprire il portello frontale

한국어

프론트 도어를 열고

2



ENGLISH

Slide the HDD in until the latch click

РУССКИЙ

Переместите жесткий диск до щелчка

DEUTSCH

Festplatte bis zum Einrasten des Riegels hineinschieben

繁體中文

將硬碟小心地放入硬碟槽，
往內推直到固定卡榫扣上

FRANÇAIS

Faites glisser le disque dur à l'intérieur jusqu'à ce que vous entendiez le clic de verrouillage

簡體中文

將硬碟小心地放入硬碟槽，
往內推直到固定卡榫扣上

ESPAÑOL

Deslice el disco duro hasta que el pestillo haga clic

日本語

ラッチがカチッと鳴るまでHDD
をスライドさせます

ITALIANO

Far scorrere l'unità HDD finché la serratura scatta

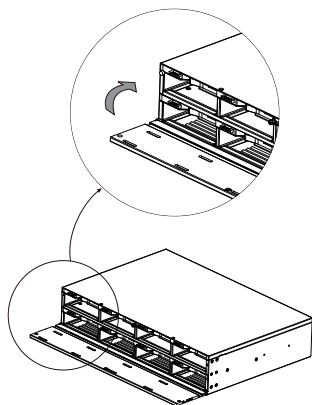
한국어

래치가 찰락 소리를 낼 때까지 HDD
를 밀어 넣으십시오

3

Hard drive installation

3



ENGLISH

Close the front door

РУССКИЙ

близко переднюю дверцу

DEUTSCH

Schließen Sie die Frontklappe

繁體中文

關閉前門

FRANÇAIS

Fermer la porte d'accès frontal

簡體中文

关闭前门

ESPAÑOL

Cerrar la puerta frontal

日本語

フロントドアを閉める

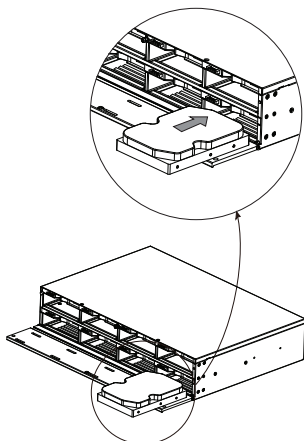
ITALIANO

Chiudere il portello frontale

한국어

프론트 도어를 닫습니다

Caution



ENGLISH

The HDD might be damaged if not installed correctly

РУССКИЙ

Если жесткий диск не устанавливается надлежащим образом, возможно, он поврежден

DEUTSCH

Bei unsachgemäßer Installation kann die Festplatte beschädigt werden

繁體中文

請注意：如果沒有正確的安裝硬碟，硬碟將有可能會損壞。

FRANÇAIS

Le disque dur peut-être endommagé s'il n'est pas installé correctement

簡體中文

請注意：如果沒有正確的安裝硬碟，硬碟將有可能會損壞。

ESPAÑOL

El disco duro podría resultar dañado si no se instala correctamente

日本語

正しく取り付けしていない場合、HDDが損傷する可能性があります

ITALIANO

L'unità HDD potrebbe subire danni se non è installata correttamente.

한국어

올바로 설치하지 않을 경우 HDD가 손상될 수 있습니다

Remove the HDD

ENGLISH

Open the door and release the latch. The HDD will pop out slightly then pull the HDD out gently with your hands.

DEUTSCH

Öffnen Sie die Tür, geben Sie den Riegel frei. Die Festplatte springt ein Stück heraus; ziehen Sie die Festplatte vorsichtig von Hand raus.

FRANÇAIS

Ouvrez la porte et libérez le verrou. Le disque dur sera doucement éjecté puis tirez légèrement le disque dur vers l'extérieur avec vos mains.

ESPAÑOL

Abra la puerta y quite el pestillo. El disco duro saldrá ligeramente, luego tire con suavidad del disco duro con sus manos.

ITALIANO

Aprire lo sportello e sbloccare la serratura. L'unità HDD uscirà leggermente; estrarre delicatamente l'unità HDD con le mani.

РУССКИЙ

Откройте крышку и освободите фиксатор. После того как жесткий диск слегка выступит, осторожно извлеките его руками.

繁體中文

移除硬碟

打開前門，輕拉固定卡榫將硬碟退出；然後小心地取出。

簡體中文

移除硬盘

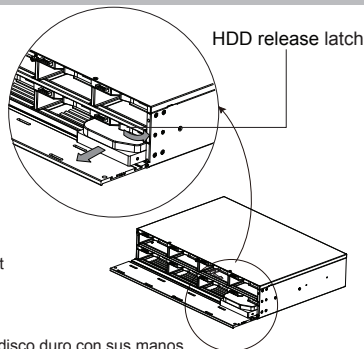
打开前门，轻拉固定卡榫将硬盘退出；然后小心地取出。

日本語

ドアを開き、ラッチを解除します。HDDがわずかに飛び出したら、両手でHDDをそっと引き出します。

한국어

도어를 열고 래치를 해제하십시오. HDD가 약간 튀어 나오면 손으로 HDD를 천천히 당겨 빼십시오.



Connect to PC

ENGLISH

Connect power cable and the Mini-SAS cable and switch on the power.

DEUTSCH

Schließen Sie Netz- und Mini-SAS-Kabel an, schalten Sie das Gerät ein.

FRANÇAIS

Branchez le câble d'alimentation et le câble Mini-SAS et mettez en marche.

ESPAÑOL

Conecte el cable de corriente y el cable Mini-SAS y conecte la corriente.

ITALIANO

Collegare il cavo d'alimentazione ed il cavo mini-SAS, quindi accendere l'alimentazione.

РУССКИЙ

Подключите кабель питания и кабель Mini-SAS и включите питание.

繁體中文

將電源線與Mini-SAS線分別接上，確定線材全部接妥後，開啓電源。

簡體中文

将电源线与Mini-SAS线分别接上，确定线材全部接妥后，开启电源。

日本語

電源ケーブルとミニSASケーブルを接続し、電源のスイッチを入れます。

한국어

전원 케이블과 Mini-SAS 케이블을 연결하고 전원을 켜십시오.

Warranty Information

This product has a limited 2 year warranty in North America, Europe, and Australia.

For information on warranty periods in other regions, please contact your reseller or SilverStone authorized distributor.

Warranty terms & conditions

1. 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.
 - a) Usage in accordance with instructions provided in this manual, with no misuse, overuse, or other inappropriate actions.
 - b) Damage not caused by natural disaster (thunder, fire, earthquake, flood, salt, wind, insect, animals, etc...)
 - c) Product is not disassembled, modified, or fixed. Components not disassembled or replaced.
 - d) Warranty mark/stickers are not removed or broken.Loss or damages resulted from conditions other than ones listed above are not covered under warranty.
2. 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.
3. 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.
4. Warranty covers only the original purchaser through authorized SilverStone distributors and resellers and is not transferable to a second hand purchaser.
5. You must provide sales receipt or invoice with clear indication of purchase date to determine warranty eligibility.
6. 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)

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)

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.

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For all other regions (support@silverstonetek.com)