

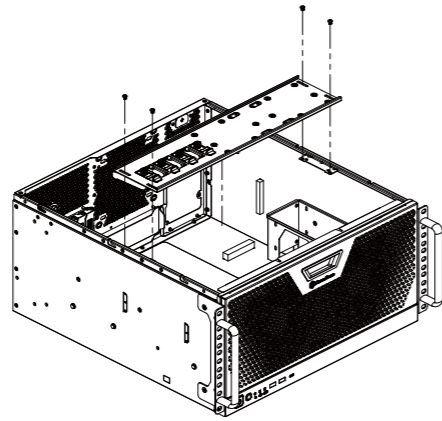
RM51

4U rackmount server chassis
with enhanced liquid cooling compatibility

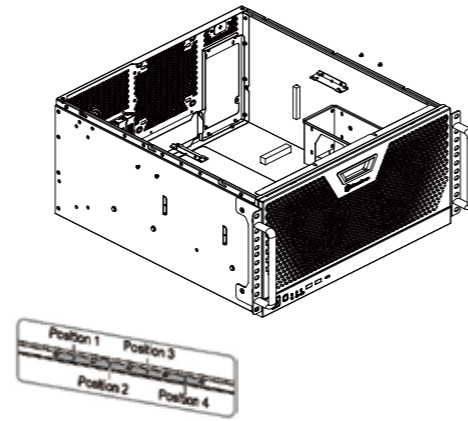
User manual
www.silverstonetek.com

Hard drives and expansion card retainer installation

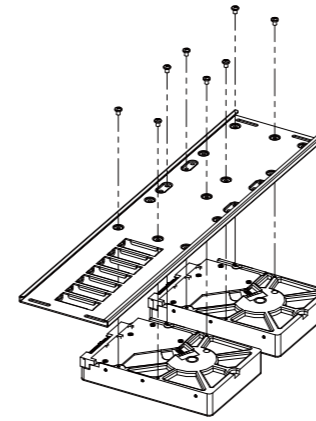
1. Remove 4 screws from expansion card retainer



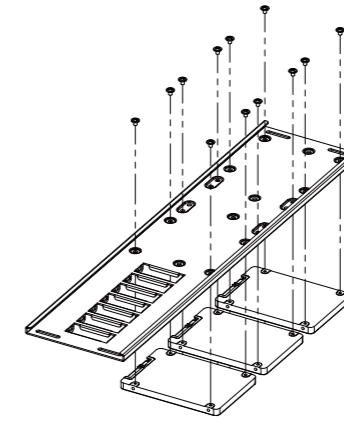
2. Expansion card retainer position shift



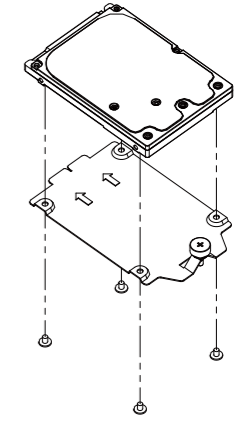
3. Install 2 x 3.5" HDD on the expansion card retainer



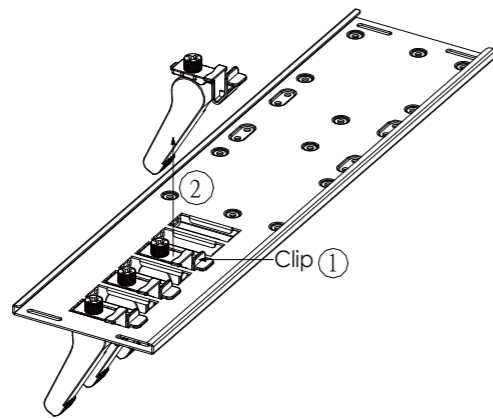
4. Install 3 x 2.5" SSD on the expansion card retainer



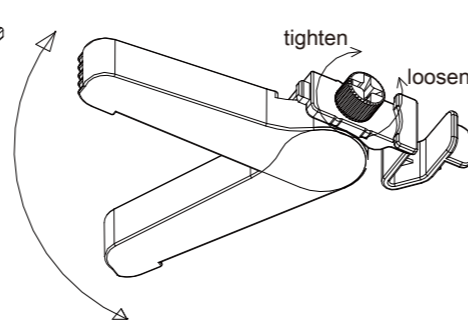
5. Install 2.5" SSD on to 2.5" SSD trays



6. Remove expansion card buckle

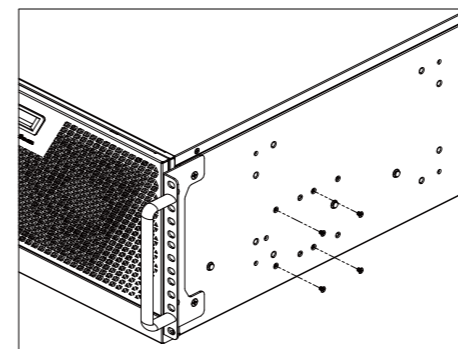


7. Adjust position of the expansion card retainer according to the required height of the expansion card, then tighten the screws

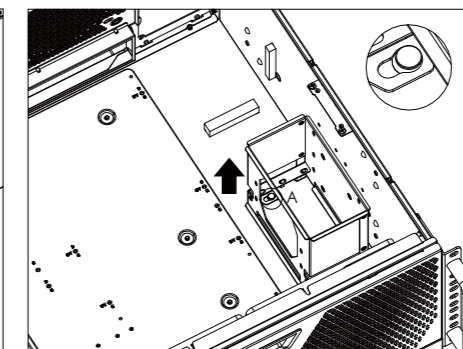


SFX PSU or 3.5" HDD installation guide

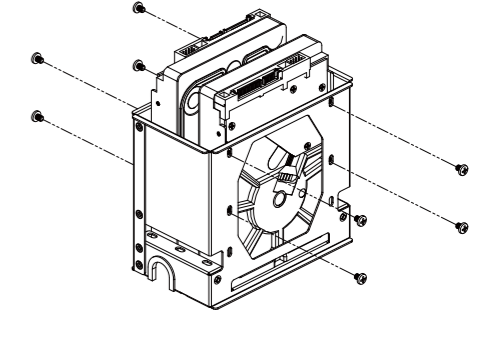
1. Remove the side mounting screws



2. Shift the cage off the buckle then remove the cage



3. Insert 3.5" HDD into the cage, then secure with screws



Parts package component list

| | | | |
|--------|---|--|-------------------------------|
| | (A) Case feet | | (D) Handle bar bracket screws |
| | (B) Case feet screws | | (E) Handle brackets |
| | (C) Case feet washers | | (F) Handle bars |
| | | | (Q) L-shaped brackets |
| Manual | Horizontal to vertical position accessories | Handle bar accessories (vertical position) | |

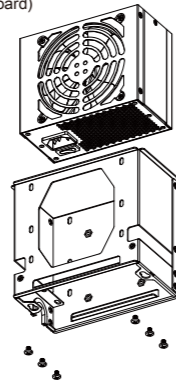
| | | | |
|--------------------|-----------------|-----------------|-------------------------------------|
| | | | (F) PSU mounting screws |
| | | | (G) Secondary PSU extension adapter |
| Motherboard screws | 2.5" SSD screws | PSU accessories | |

| | | | |
|----------------------|------------------------|--|-----------------------------|
| | | | (H) Cable ties |
| | | | (I) Cable management buckle |
| Motherboard standoff | 80mm external fan cage | | |

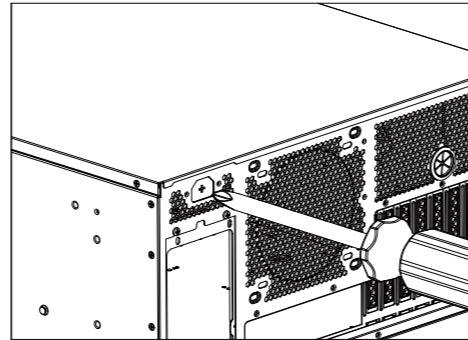
| | | | |
|---------------------|-----------------|--|------------------------|
| | | | (J) Bracket |
| | | | (K) Screws |
| Fan extension cable | 3.5" HDD screws | Nvidia 30 series graphics card accessories | |
| | | | (L) Captive thumbscrew |

| | | | |
|--------------------------------------|--|--|--|
| | | | (M) Radiator adapter bracket |
| | | | (N) Radiator adapter bracket mounting screws |
| Radiator adapter bracket accessories | | | |

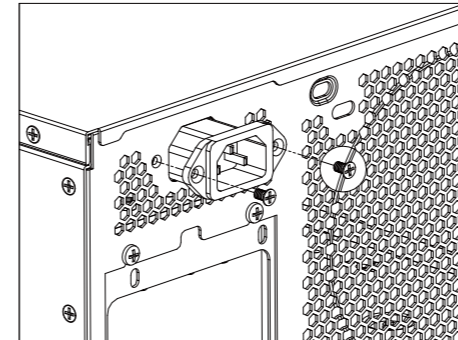
4. Insert SFX PSU into the cage, then secure with screws
(Note: To install both primary and secondary PSUs, it's recommended to purchase PP10 cables to operate both PSUs on a single motherboard)



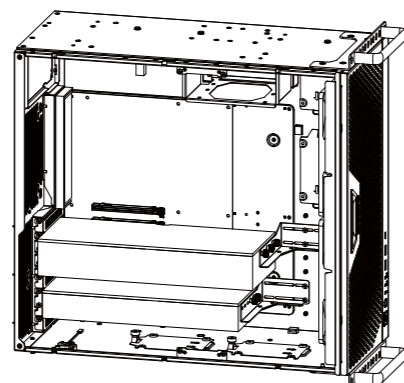
5. To install the SFX PSU, first remove the plate that sits on the PSU extension adapter pass-through hole with a Phillips screwdriver



6. Insert the extension adapter cable through the rear of the pass-through hole, then fasten the screws

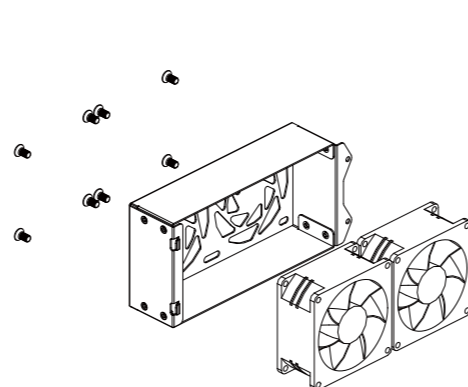


3. Once the graphics card bracket is pushed into position, tighten the thumb screw then the graphics card screw
Note: Nvidia 30 series graphics card bracket supports graphics card length of 285mm-344mm (the total length of the graphics card must exceed the edge of the motherboard)

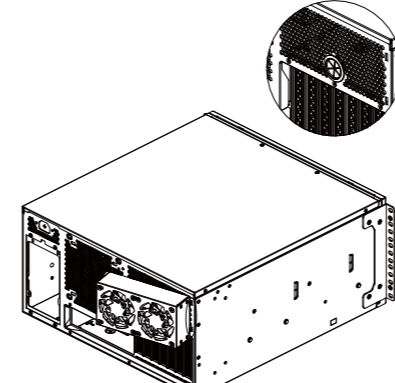


80mm external fan cage installation

1. Install 80mm fans into the cage then secure with screws

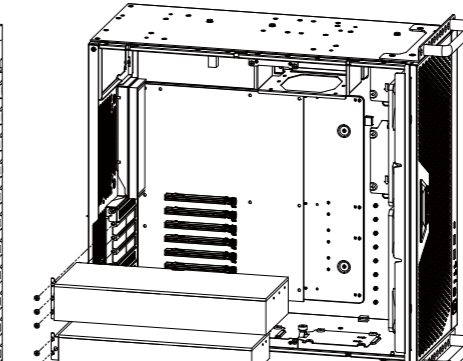


2. Mount the external fan cage to the rear of the chassis (Please run the cable through the pass-through hole first)

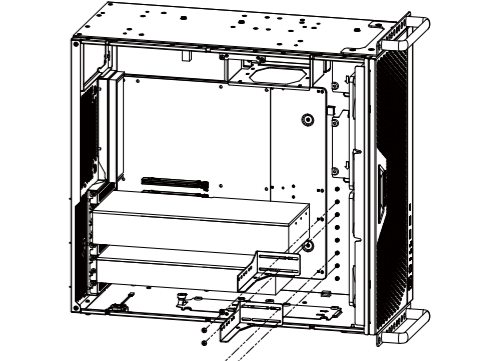


Nvidia 30 series graphics card brackets installation

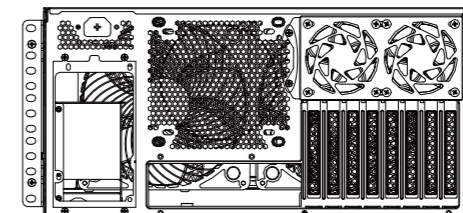
1. Install Nvidia 30 series graphics card



2. Install Nvidia 30 series graphics card bracket (slightly tighten the screws, and reserve space for the bracket to slide left and right)

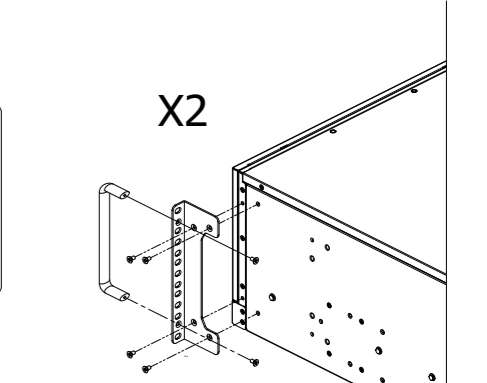


3. Secure with screws

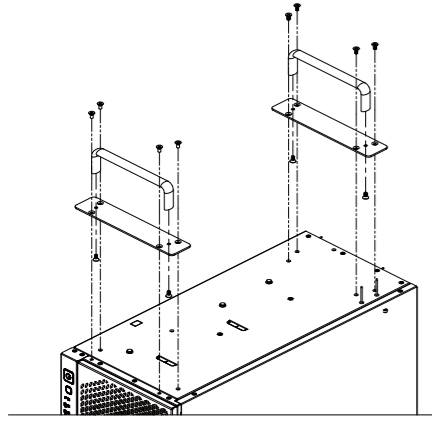


Vertical orientation installation

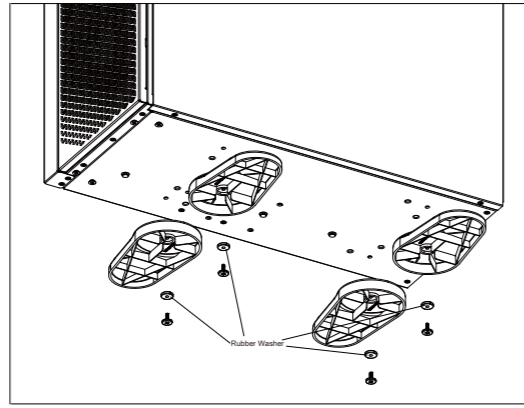
1. Assemble the handle bars with the L-shaped bracket, then secure the assembly on both sides of the chassis



2. Install handle bar onto the flat handle bar bracket

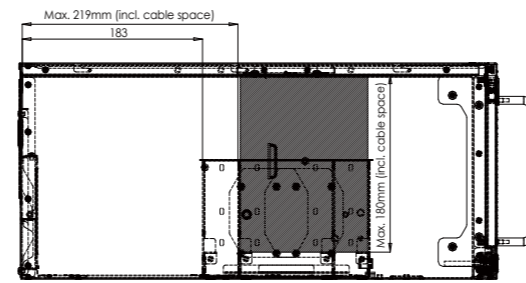


3. Install case feet (including case feet washers)

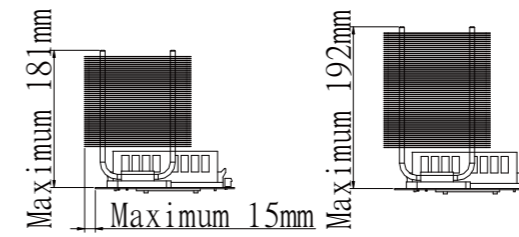


Component restrictions

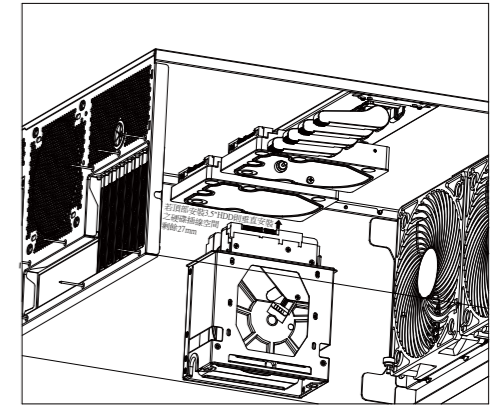
1. When SFX PSU bracket is installed, the depth limitation (including adequate cable space) for the primary PSU is 219mm 1-2. The depth limitation (including adequate cable space) of SFX PSU is 180mm



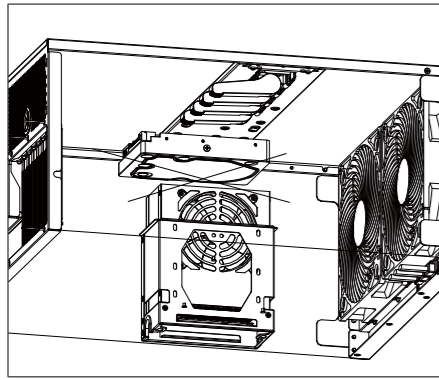
2. CPU Cooler height limit is 181mm, cooler is allowed to protrude the motherboard edge by 15mm, but if the expansion card retainer is removed, the height limitation increases to 192mm



3. If 3.5" HDD are installed on the expansion card retainer, then the 3.5" HDD installed in the below cage are left with 27mm cable clearance

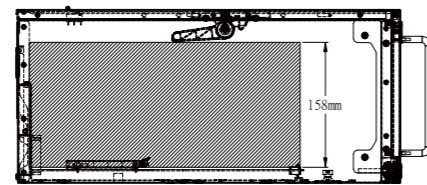


4. If a 3.5" HDD is to be installed on the expansion card retainer, it's recommended to install a SFX-L PSU due to lack of clearance of cabling

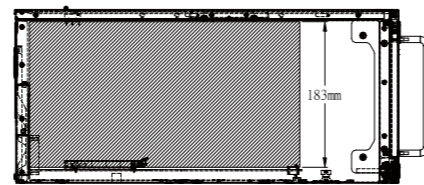


Expansion card height limitation (Please take into account the power connectors)

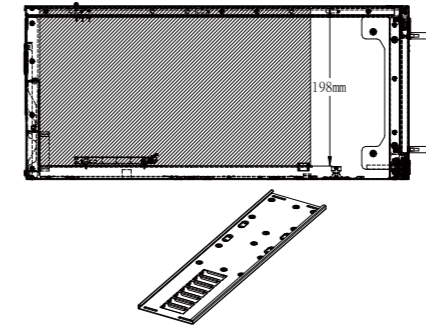
1. Height limitation with expansion card retainer clip buckle installed



2. Height limitation with expansion card retainer clip buckle removed

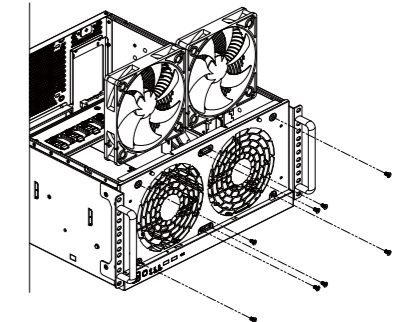


3. Height limitation with expansion card retainer removed

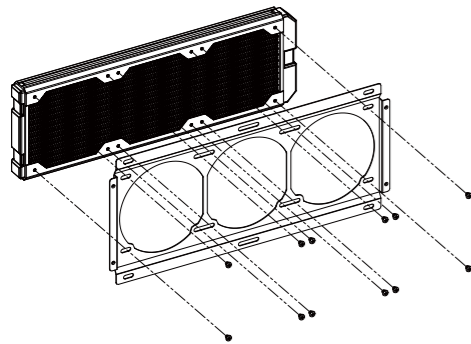


Radiator bracket installation

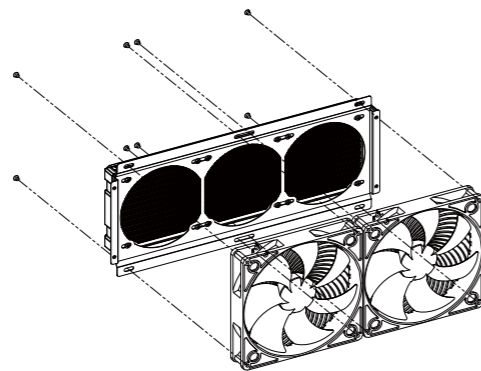
1. To install radiator at the front, please remove the front pre-installed 180mm fans first



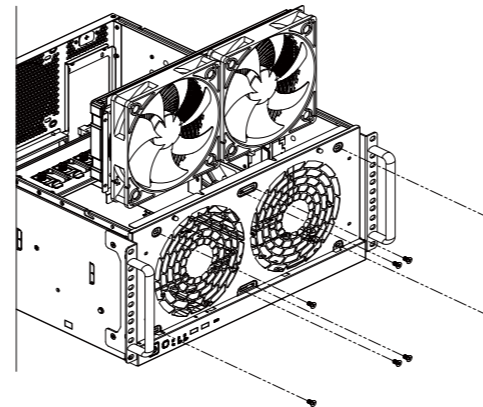
2. Install 120mm, 240mm or 360mm radiator on the bracket



3. Mount the two 180mm fans onto the radiator bracket assembly

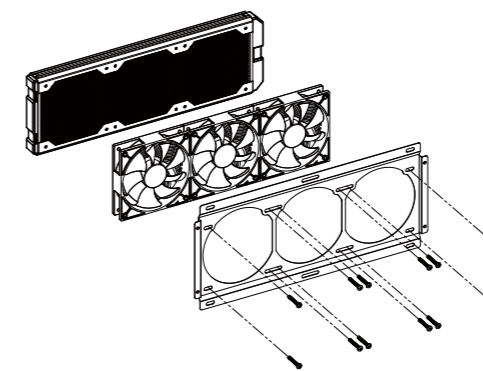


4. Mount the fan and radiator assembly onto the chassis

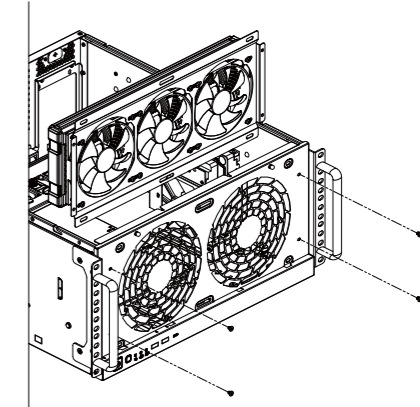


Radiator bracket installation – when 180mm fans are not used

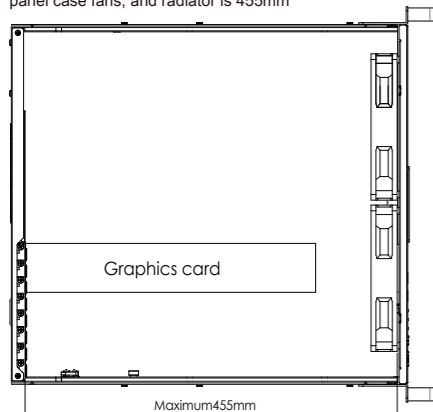
1. Mount the 360mm radiator on to the radiator bracket



2. Secure the radiator assembly on to the front panel



3. The maximum length limitation for graphics cards, front panel case fans, and radiator is 455mm



Warranty information

This product has a limited 1 year warranty in North America and Australia. Defects or damages with the following conditions will be fixed or replaced under SilverStone Technology's jurisdiction. For information on warranty periods in other regions, please contact your reseller or SilverStone authorized distributor. 本产品自购买之日起，于中国地区（不含澳门）、香港特别行政区享有一年有限质保（部分产品为二年、三年或五年），详细质保年限请参考官方网站：http://silverstonetek.com/。公称之产品型号为根据。

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 - 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 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 (support@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>
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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 Europe (support.eu@silverstonetek.de)
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| 部件名称 | 铅 (Pb) | 汞 (Hg) | 镉 (Cd) | 六价铬 (Cr(VI)) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
|---------|--------|--------|--------|--------------|------------|--------------|
| 机壳 (金属) | ○ | ○ | ○ | ○ | ○ | ○ |
| 风扇 | ○ | ○ | ○ | ○ | ○ | ○ |
| 线材 | ○ | ○ | ○ | ○ | ○ | ○ |
| 螺丝 | ○ | ○ | ○ | ○ | ○ | ○ |
| 包材 | ○ | ○ | ○ | ○ | ○ | ○ |

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