FORTRESS series

ADVANCING COMPUTER CHASSIS
CONSTRUCTION AND THERMODYNAMICS

USB 3.0 Ready!

iF product design award 2010

SPECIAL FEATURES

- Revolutionary 90 degree motherboard mounting from RAVEN RV01
- 4.5mm aluminum unibody frame
- Three 180mm fans for unprecedented positive pressure and stack effect cooling
- Supports liquid cooling radiator mounting
- Motherboard back plate opening behind CPU area for quick cooler assembly
- Supports 11" wide ATX motherboard
- Foam padded interior for advanced noise absorption

FT02

FEATURE LIST:

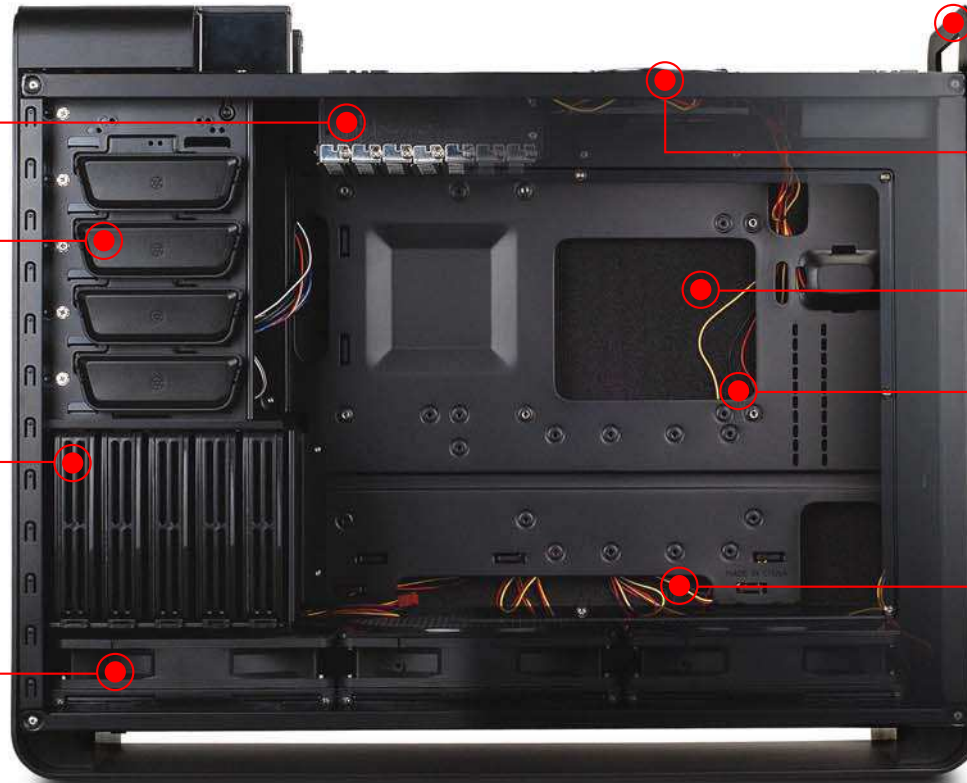Top I/O port design with support for ClearCMOS installation for excellent ease of use

Supports four easy access drive bays with tool-less button design and thumb screws

Support for 2.5" hard drive or SSD (solid state disk) installation at a unique location

Hot-swappable hard drive cage (One CP05 included for single hot-swappable SATA hard drive)

An industry first, three 180mm fans in alignment for unprecedented cooling and quietness performance. The 32mm thick fans can be adjusted independently to run at 700rpm or 1000rpm

Positive air pressure design with filter on all intake vents for class leading dust reduction

4.5mm aluminum unibody frame

Top exhausting 120mm fan to assist RAVEN RV01-inspired stack effect cooling and eliminate heat dead spot

Foam padded interior for advanced noise absorption

Large motherboard tray cut-out behind CPU area to assist in CPU cooler installation

Convenient wire and cable routing pathways

SPECIFICATIONS:

Model
SST-FT02B (black)/SST-FT02B-USB3.0 (black)
SST-FT02S (silver)/SST-FT02S-USB3.0 (silver)
SST-FT02B-W (black + window)
SST-FT02B-W-USB3.0 (black + window)
SST-FT02S-W (silver + window)
SST-FT02S-W-USB3.0 (silver + window)

Drive Bay
Exposed   5.25" x 5
Internal   3.5" x 5 , 2.5" x1

Cooling System
Bottom   3 x 180mm intake fan 700/1000rpm, 18/27dBA
Top   1 x 120mm exhaust, 1200rpm, 19dBA

Motherboard
SSI CEB, ATX (maximum 12" x 11"), Micro ATX

Material
4.5mm aluminum unibody frame, 0.8mm steel body

Expansion Card
Support 12" or 12.2" (with fan grille removed),
width restriction-6.69"

Power Supply
1 x optional standard PS2 (ATX)

Front I/O Port
USB 3.0 x 2 (SST-FT02B-USB3.0, SST-FT02S-USB3.0, SST-FT02B-W-USB3.0, SST-FT02S-W-USB3.0)
USB 2.0 x 2, audio x 1, MIC x 1

Dimension
212mm (W) x 497mm (H) x 616mm (D), 64.9 liters

Powerful expansion capability

■ Convenient cable routing design

SilverStone has implemented various openings and cable tie down bridges around the motherboard to assist users in routing cables. This design not only enhances the aesthetics of component installation, but also ensures unimpeded airflow in the chassis.

■ Room for any sized power supply

An extra deep PSU such as SilverStone's ST1500 can be installed into FT02 easily.
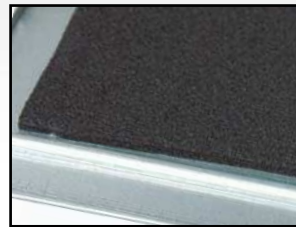
220MM

Extreme quietness

1. A SilverStone exclusive, the 4.5mm aluminum unibody frame provides extra structural rigidity and reduces vibration.

2. Padded lining for vibration and noise reduction.

3. 120mm golf bladed fan with more quietness.

Three 180mm fans can be adjusted independently to run at 700rpm or 1000rpm.

Push button 5.25" drive bay locks for tool-free assembly.

Removable fan filters are easy to clean.

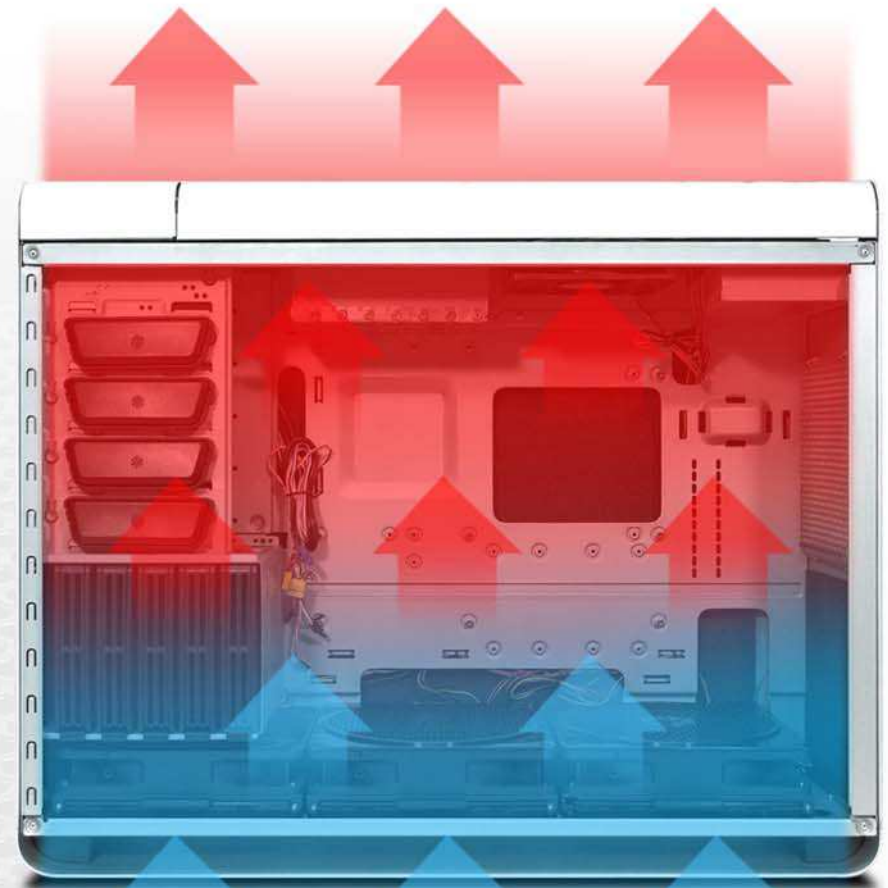Removable hard drive trays with hot-swap capability.

Top exhausting 120mm fan assist FT02's stack effect cooling.

A 2.5" hard drive or SSD can be installed at an unique location.

INTRODUCTION

The Fortress FT02 is a computer chassis that combines two of the most distinct breakthroughs introduced by SilverStone Technology in the PC chassis market. The first was the unibody construction debuted on the Temjin TJ07 chassis in 2005 and the second was the 90 degrees rotated motherboard mounting from the RAVEN RV01 chassis in 2008. Both of these innovations have been available as separate, exclusive products until now. With the Fortress FT02, SilverStone engineers managed to combine the solidarity of unibody construction with the excellent cooling layout of the RAVEN chassis design that takes advantage of natural stack effect (hot air raises). In addition, hot-swappable hard drive cage was added to complement a foam padded interior. The resulting product is more rigid structurally, has more storage capacity, and quieter than the similarly designed RAVEN RV02. While cooling and acoustic performance are certainly its strengths, the Fortress FT02 is no slouch either when it comes to aesthetics. Available in black and silver colors, its elegant outer shell is perfectly accentuated by the U-shaped unibody aluminum frame that not only provides unique styling, but also functional purpose. The bottom gap from the frame to the main body actually serves as the main air intake area for its three massive 180mm fans, making it even suitable for use on carpeted surfaces. For professionals or enthusiasts looking to build a silent workstation or gaming PC with maximum performance, there is really no better choice than the Fortress FT02.

REMARK

SST-CP05
SST-CP05 is designed to enable users to easily hot-swap any 3.5" SATA hard drives in the chassis. There is one set included in the FT02, you can purchase up to four sets.

SST-CLEARCMOS
Get a SST-CLEARCMOS add-on to conveniently clear CMOS without opening the case.

SST-FN181-BL
FN181-BL is a fixed speed fan that has clear blades and frame with blue LED for stunning visual effect.

SST-FM181
FM181 is a dual ball bearing fan with variable speed controller that allows for speed from 500rpm up to 1300rpm

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