RA**V**EN
by SilverStone

[Stirring up the next ATX revolution]

SPECIAL FEATURES

Revolutionary 90 degrees motherboard mounting
Natural airflow layout with positive pressure design
Dual 180mm silent fans included
RADsupport included for optional liquid cooling
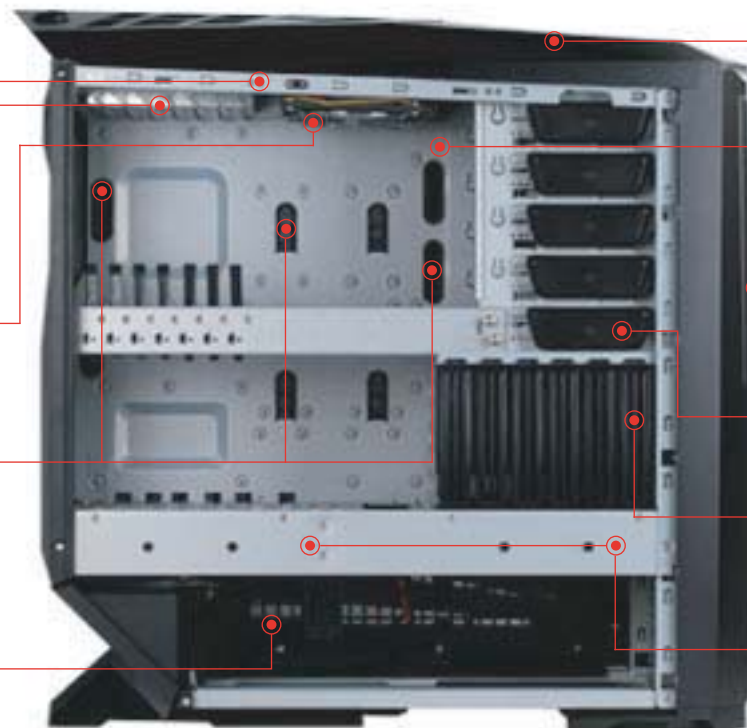Flexible drive storage options with hot-swappable SATA adapter

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Top stealth mounted I/O ports for quick and convenient access

Quick-release latch for fast side panel removal

Revolutionary 90 degrees motherboard mounting enables stack effect for natural heat convection

Equipped with SilverStone OEM Aero Slots to improve graphics card cooling

All black outer design combined with sliding front door prevents components from affecting the exterior styling of RV01

Top 120mm exhaust fan with reduced noise to complement overall airflow

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

Dedicated slots and tabs for cable management

Six removable hard drive trays with vibration dampening mounts and hot-swap capability (one CP05 hot-swap SATA adapter included)

Bottom vent for optional power supply placement to isolate airflow

Designed for RV01's positive pressure layout, two 180mm intake fans are fitted for unprecedented cooling performance and quietness

SPECIFICATIONS:

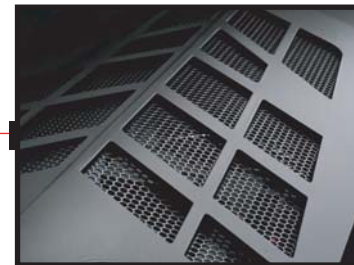| Model	Material	Motherboard	Driver Bay		Cooling System		Front I/O Port	Dimension
SST-RV01B (black) SST-RV01B-W (black + window)	Reinforced plastic outer shell, 0.8mm SECC body	SSI EEB, SSI CEB, Extended ATX, ATX, Micro ATX	Exposed Internal	5.25" x 5 3.5" x 6	Bottom Top	2 x 180mm intake fan, 700rpm, 18dBA 1 x 120mm exhaust fan, 950rpm, 18dBA	USB2.0 x 2 IEEE 1394 x 1 Audio x 1 MIC x 1	280mm (W) x 616mm (H) x 660mm (D)

Top 120mm exhaust fan tuned for quietness

Twin knobs locking system for top panel cover

Side panel intake vents

Removable power supply fan filter

Top cover with exhaust vents

Top mounted stealth front I/O ports

Top mounted power and reset buttons

Elegant matte-finished front door

FEATURE PHOTOS
RV01

The mission for SilverStone's RAVEN team is to design products with styling and features that exceed classic originals in boldness and intention. So a brief look at the first RAVEN chassis, the RV01, one can easily see that the mission was accomplished with spectacular results. The RV01's stealth fighter inspired outer shell is styled aggressively but with a small hint of SilverStone's famed reservation by the use of only matte finish.

This gives RV01 an unmistakable wow factor and a look that will remain pleasing for years to come. For the interior, a revolutionary layout was utilized to take advantage of a very simple natural phenomenon — heat rise, by rotating the motherboard 90 degree for air to rise up more smoothly over graphics card area. Equipped with dual 180mm fans and a 120mm fan, the RV01's has excellent cooling potential with its factory tuning perfectly balanced between performance and quietness. If there is a breakthrough chassis to be had for several generations of components upgrade, the RAVEN RV01 is definitely the one.

Graphic card length reference:

NVIDIA Quadro FX5600 / AMD FireGL V8600/8650 - 12"
NVIDIA GeForce GTX280/260 - 10.5"
NVIDIA GeForce 9800GTX/9800GTX+ - 10.5"
AMD Radeon HD 4870X2 - 10.5 "
NVIDIA GeForce 9800GT/9600GT/GTO - 9"
AMD Radeon HD 4870/4850 - 9 "

Remark
To enable SATA hot-swap function,you must have the following:

Install SATA hard drive into drive holder with CP05
Use motherboard or SATA card with AHCI function
Enable AHCI function(please refer to your motherboard or SATA card manual)
When installing OS(Windows XP SP2 or Vista), SATA drivers should be pre-loaded
Get a SST-CLEARCMOS add-on to conveniently clear CMOS without opening the case

SST-CP05   SST-CLEARCMOS

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