

# Nexsan Engineering Training

## S/ATABoy & S/ATABeast

Nexsan

Technical Training

Technical Services  
Nexsan Technologies

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# Replacing Disks

- Parallel-ATA based systems need the same manufacturer
- You can mix disk sizes in the same RAID set
- Make sure the new disk has equal or larger capacity



- Disks 1 to 4 could be 400GB disks
- Disk 5 could be a 500GB disk
- *A 250GB disk would not start a rebuild as it would not be accepted into the RAID group*



SATAblade

S/ATAbeast

S/ATAboy

🌀 We send out disks in canisters, rails or release handles to suite the system...

# S/ATABeast 4U

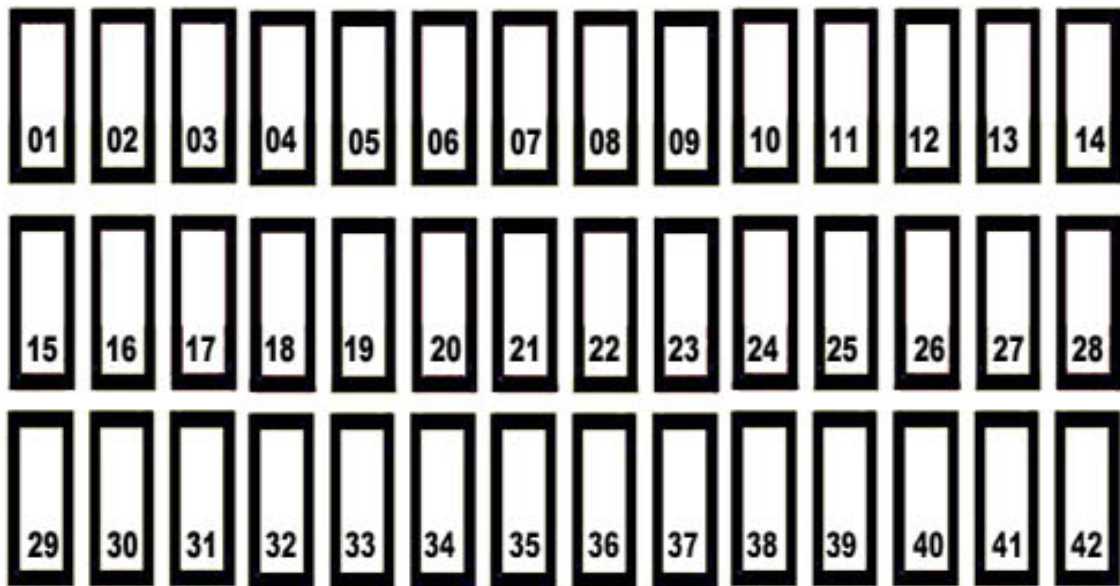
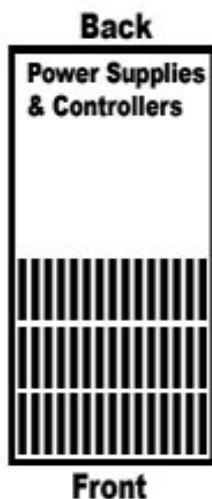
Disk Replacement

- First pull the Beast out of the rack half way
- The system can still be running during disk replacement
- Unscrews the screw lock on each side of the front panel
- Pull the front panel down (dampened)
- The Lid will then slide forward & up (no screws) to remove
- Fans are Hot Swap



## SATABeast Drive Map

### Back of Unit



### Front of Unit

# ATAbeast Component Replacement

- Disks have slide rails screwed to each side
- Use removal tool to pull the drive upwards to remove it



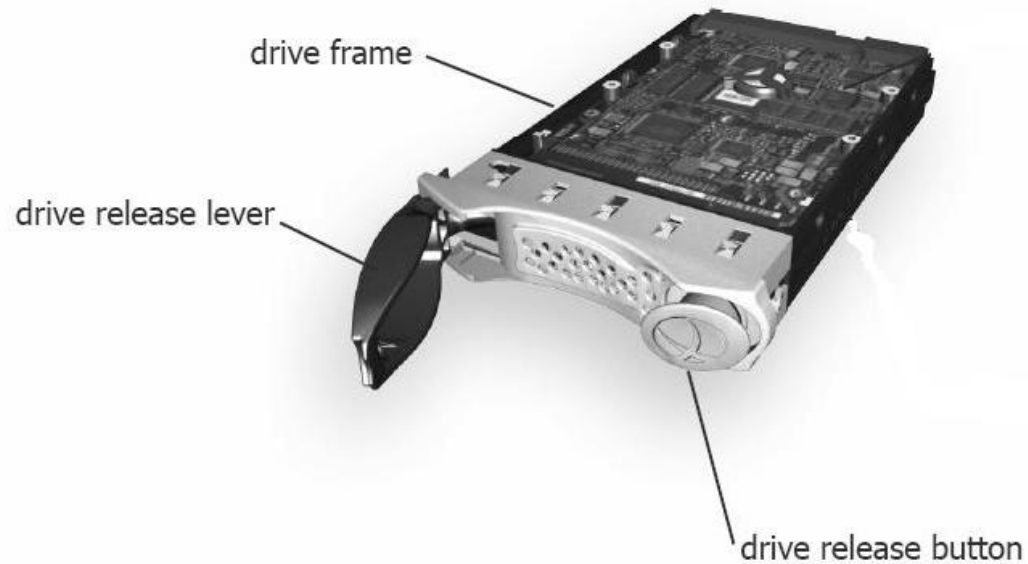
- RED LED for faulty disk
- Same layout as on front page of GUI

- To install the new disk slide it into the slot
- Then push down to seat the drive with even force



# S/ATAboy 3U

Serial & Parallel  
Disk Replacement



- **To remove a disk push the Release button & pull the Release Lever**
- **To insert a disk push the drive & it's frame into the slot until it hits the chassis – then push down the release lever**
- **Then push the drive release button to lock it in**

## SATABoy Drive Map

SATABoy / ATABoy2 X/S/F



**Drive 1 2 3 4 5 6 7 8 9 10 11 12 13 14**

# SATAblade 1U

Serial ATA

Disk Replacement

- **First pull the unit out of the rack to expose the drive openings**

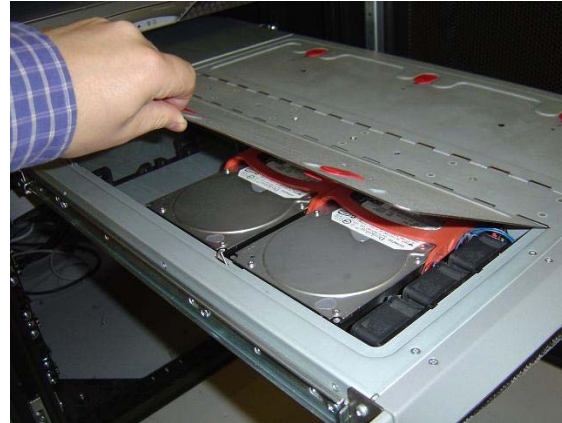


- **Then push across the lid slide locks**

## SATABlade Drive Map



 **open the lid**



 **Pull up on the drive bracket**



 **Remove the disk**



- To insert a new disk
- Place the disk in the slot



- Push down on the bracket to insert
- Then close the lid



## Thank you

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