I have an Intel s3210shlx server board and want to create a RAID 1 array out of two HDDs. I have set the BIOS for RAID and LSI (Ctrl+e during boot). I invoked the LSI interface and configured the HDDs. On re-boot, the Embedded RAID Controller shows one VD online composed of two physical drives. Now I want to install Centos 5.4 (Red Hat clone) on the machine. I downloaded the latest Red Hat 5.4 drivers from the Intel website and imaged it onto a floppy. I started the Centos install and loaded the driver disk per the instructions. Centos recognized the megasr driver and loaded it. I completed the installation and followed these instructions:

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At the last step of the installation (after all the packages are installed)
RHEL5 prompts you to reboot. Do not click reboot button. Press Ctr+Alt+F2 to
go to the text console prompt.
9) type "cat /proc/partitions" you will see some info about the partition.
For example, you might find several rows, one row might include sdb. You
might find like this

major minor #blocks     name
8     16    1440  sdb

10) type "mknod /dev/sdb b 8 16"  (8 and 16 are copied from the major and
minor numbers in step #9, so that the numbers could change according to what
is seen in step #9)
11) type "mkdir /temp"
12) type "mount /dev/sdb /temp"
13) type "ls /temp" and you can find all the driver files are now in /temp
14) Use cd command to enter /temp directory
15) type "./replace_ahci.sh" to execute the script. It will remove ahci from
/etc/modprobe.conf and blacklist ahci in /etc/modprobe.d/blacklist
(replace_ahci.sh is also an example, and please implement the script even if
the *.sh is with other name).
16) Go back to graphic screen and reboot the system in order to finish the
installation.
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After typing “cat /proc/partitions”, here’s what I saw:

MAJOR	MINOR	#BLOCKS	NAME
7	0	110192	loop0
8	0	487304192	sda
8	1	104391	sda1
8	2	487195222	sda2
253	0	481067008	dm-0
253	1	6094848	dm-1

It looks like a hodge=podge of the Intel megasr driver and linux dmraid, and there is no sdb device. I tried all of the partition NAMEs in the “mount /dev/xxx /temp” command with complaints about the file already existing. Never did find the driver files to finish the instructions above. If I re-boot, the Intel megasr driver has disappeared and the standard Linux ahci driver has taken over which ignores the RAID array.