

RE: SCSI vs. SATA IDE

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One thing is consistent in all these replies and is in my opinion worth highlighting:

No one is suggesting using the built in SATA RAID found on many motherboards. This built in RAID is generally (or always) not true hardware raid and is likely to cause unacceptable overhead

"RobK" wrote:

- > I'm an independant consultant, and like most of you, have no time for junk
- > calls to do what should have been done in the first place. That said, heres
- > my 2 cents:
- >
- > I've been using the same SATA config in 15-16 servers now for about a year.
- > This config supports 10-40 users in various business. All servers have the
- > following common drive setup:
- >
- > 3ware 9500-8 raid controller
- > 2- WD740GD 74GB raptors SATA(in raid 1) + 1 hot spare. For OS and logs.
- > 3-WD2500SD 250GB Raid Edition SATA (in raid 5) +1 hot spare. For data.
- >
- > This makes for a total of 7 drives running at a time. The Raid edition
- > drives and the raptors are all designed to run full time in server setups. I
- > have yet to have one go down and have had minimal issues in support, none for
- > hardware. (most all due to customers messing around;)
- >
- > NOTE: My personal server is setup like this.
- >
- > I know that scsi is king, but this SATA setup I put together works real well
- > and has the stones to push SBS2k3 well. I HAVE found that the MB, processors,
- > and memory amount does tend to require a bit of overbuild. This is absolutly
- > necessary due to the huge loading that all the stuff SBS2k3 likes to run at
- > the same time, on the same box.
- >
- > If you try to put most of your eggs in one basket, at SBS2k3 does intend,
- > then you must be prepared for the performance overbuild required.
- >
- > Customers wanting cheap can pay for spreading out the resources over
- > seperate boxes or they can endure the overbuild costs required when

