

## Re: SQL Server Hardware requirements

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James wrote:

- > *I know this is somewhat off topic, but what type of hardware would you*
- > *recommend for the following.*
- >
- > *Server with 100 users (usually 50-80) online at same time, accessing*
- > *a sql 2000 database that is 14 gigs.*
- >
- > *What would you recommend for cpu type/speed, ram amount, and raid*
- > *configuration*
- >
- > *thanks*

Depends entirely on what the database is doing. Simple transactions wouldn't require a lot of power. OTOH, if they are doing a lot of reporting then disk, CPU, and memory are more important. Also depends on your budget. What are these 50-80- users doing?

If the transactions are short, you'd probably be fine with a simple dual-cpu config, 2GB RAM. Your database is small, so you likely won't require a lot of hardware. While I'm not a RAID 5 fan, a simple mirrored RAID set for the OS, tempdb, and log files, and a 4-5 disk RAID 5 array for data would probably be fine. However, I would say that it's better to use a 4 disk RAID 1+0 config for the data, given your small data size.

Maybe even a simple mirror for data would work, depending on the server load. It all depends... on a lot of factors, including price.

If you can provide further details, I'm sure the ng members will provide additional recommendations.

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