

## Re: 16M RAM enough for FreeBSD 6.1?

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- *From:* Oliver Fromme <[olli@xxxxxxxxxxxxxxxxxxxxx](mailto:olli@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 28 Aug 2006 14:49:57 +0200 (CEST)
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Torfinn Ingolfson wrote:

Are 16 Megs of RAM to little to install FreeBSD 6.0 or newer?

As others have pointed out, installation via sysinstall requires at least 24 MB of RAM. So you either have to prepare your own installation media, or put the harddisk in a different PC, install FreeBSD there, and move the disk back.

In any case you should carefully tune your kernel configuration to only include those things that you really need. There are also options to exclude certain parts, e.g. the syscons driver has several options to exclude copy&paste, font loading and other things, which can save some space. Don't forget to configure plenty of swap space; you'll probably need it. And have a look at the tuning(7) man page which has several hints that may help for low-memory situations.

If you want to run X11 (a current version of Xorg), you absolutely must upgrade the RAM. You won't be happy with 16 MB only. But even with more RAM, running X11 won't be much fun, because the CPU isn't very fast, I guess.

If you want to run a light-weight graphical web browser, I recommend links (in X11 graphics mode, option "-g") or dillo. Both are available from the ports collection. They support only limited JavaScript, though, and no Flash, Java or anything more advanced.

Best regards  
Oliver

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"IRIX is about as stable as a one-legged drunk with hypothermia in a four-hundred mile per hour wind, balancing on a banana peel on a greased cookie sheet -- when someone throws him an elephant with bad breath and a worse temper."

-- Ralf Hildebrandt

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freebsd-stable@xxxxxxxxxxx mailing list

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