

## Re: temperature in server room

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2004-04/8105.html>

---

**From:** root (postmaster\_at\_buchanangc.com)

**Date:** 04/27/04

Date: Tue, 27 Apr 2004 13:02:57 -0700

Use a monitor utility to check the CPU and mobo temperature. The HD temperature is of equally important concern but is more difficult to monitor. The upper temperature limits of all these components is well above what humans would find liveable ie. >100 F.(~38 C.). So if you can tolerate the room and IF 'BIG IF' the case is very well and 'effectually' ventilated then the HW will be OK. A couple of BIG case fans and big CPU fan/heatsink and possibly HD fans/coolers will do the trick if they are installed correctly and the box is installed such that the hot air going out isn't sucked right back in. Greviously violating the above rules will cause HW to overheat in a 20 C. room.

The number one factor that diminishes HD life is high temperature.

"Jack Ping" <jack at techexpress.ca> wrote in message  
news:faat80h9ese9fl8euf9ljq5g8iv0t9sac7@4ax.com...

- > *Have you guys ever paid any attention to the temperature in server room??*
- > *Some small businesses do not have air conditioning at all in their server room. How do you guys handle the temperature then?*
- > *I believe the ideal temperature range should be 18 ~ 22 degree C*
- > *What is the highest temperature in your server room you've ever run without a problem?*
- > *Recently, one server keeps getting hardware related errors, and this makes me think about the temperature*
- >