

## SUMMARY: A1000 not responding

**Source:** <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2003-09/0031.html>

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**From:** Azzopardi Konrad ([KAzzopardi\\_at\\_vodafonemalta.com](mailto:KAzzopardi_at_vodafonemalta.com))

**Date:** 09/02/03

Date: Tue, 2 Sep 2003 12:25:41 +0200

To: <[sunmanagers@sunmanagers.org](mailto:sunmanagers@sunmanagers.org)>

Dear sunmanagers,

Thanks go to Matt Clausen who gave me the courage to do something not supported by SUN. Anyway I connected to the A1000 via serial port. After setting the terminal correctly {You have to play around a bit} the A1000 was rebooted, press SPACE twice and the menu comes up. I chose {2} which was "Download Permanent file" and used the X-Modem protocol {primitive!!!} to send the correct .apd and .bwd files.

Rgds

Konrad Azzopardi B.Eng(Hons)  
System Engineer

-----Original Message-----

From: Matt Clausen [<mailto:mclausen@csit.fsu.edu>]

Sent: Monday, September 01, 2003 7:45 PM

To: Azzopardi Konrad

Subject: Re: A1000 not responding

Azzopardi Konrad wrote:

> *I have a problem. While upgrading the BIOS firmware, there was a power cut and unfortunately I lost all communication to the A1000. Is there something I can do without calling SUN ?*

There's a trick you can use, which I do only as a last resort since there is real potential to screw things up.... since your flash was interrupted, it doesn't get more screwed up than that, so here we go:

There's a serial port on the back of the A1000. Connect a nullmodem up to it and you should begin seeing messages from the controller (2400,8,N,1 I think is the connect parameters --- it's either 2400 or 9600).

Make sure you have the latest version of the firmware that you were trying to upgrade to on the machine you're using to do this. When you get into the menu system running on the controller, there's buried in

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one of the sub-menus an option to load a new firmware (It's not quite called this but it's pretty evident when you stumble onto it). Using X-Modem (ancient isnt it?) you can upload the new firmware onto the controller and it will recover. Make sure you upload the FIRST of the two firmware files (i.e. the one you flash first) and not the other one.

I successfully recovered an A1000 that I misflashed using this method, just be careful as there is some real harm here (since you're interacting directly with the controller).

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