Subject: IIfx woes
Posted by Nat Hall on Mon, 28 Mar 2022 00:03:18 GMT
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Hi all,

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After moving last summer, I set up my long dormant/closeted IIfx that had been out of circulation for at least 10 years. To my surprise, it booted right up into OS 8.1 and my second hard drive with A/UX booted right up as well.

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Nothing has any effect at all, the exact same scenario plays out in all cases. The only thing aside from the lack of "radius" logo with the Apple card is there is a longer/shorter delay between the startup bong and the do-do-da-da that is directly correlated with how much RAM I have installed, which leads me to believe whatever is happening is happening after the RAM check.

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but it's closest to what is described on pages 225 and 226, although the drives/termination on the SCSI bus on this machine haven't changed in 22 years. Also, the do-do-da-da does not come quickly after the bong, it comes after 15-30 seconds after the RAM check.

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Subject: Re: IIfx woes
Posted by squ...@pobox.com on Fri, 15 Apr 2022 00:53:10 GMT
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The first thing to do is have the capacitors replaced. Thete's no point to other troubleshooting until that is taken care of.

On Sunday, March 27, 2022 at 6:51:39 PM UTC-5 Nat Hall wrote:

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Subject: Re: IIfx woes
Posted by Rockin' Kat on Fri, 15 Apr 2022 04:56:01 GMT
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Aren’t most of the capacitors on the IIfx logicboard Tantalums rather than electrolytics?

From: <vintage-macs@googlegroups.com> on behalf of "squ...@pobox.com" <squires@pobox.com>
Reply-To: <vintage-macs@googlegroups.com>
Date: Thursday, April 14, 2022 at 6:40 PM
To: Vintage Macs <vintage-macs@googlegroups.com>
Subject: Re: IIfx woes

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Subject: Re: IIfx woes
Posted by Dylan McDermond on Fri, 15 Apr 2022 13:23:06 GMT
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There are some electrolytic on the IIfx board. Don’t overlook failing capacitors in the power supply. Marginal power can allow it to turn on but not have quite enough power to run the RAM,

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> Reply-To: <vintage-macs@googlegroups.com>
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Posted by squ...@pobox.com on Fri, 15 Apr 2022 16:53:15 GMT
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Yep, what Dylan said. The IIfx shipped with varying combinations of tantalum/electrolytic capacitors. Have to treat each machine individually.
Plus the PSU. Some people replace the old PSUs with new ATX ones. That's another option. My preference is to extend the life of the original parts as much as possible.
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