

Strange DRAM module, Want to replace it by 72 pin SIMM, need advice.

## Strange DRAM module, Want to replace it by 72 pin SIMM, need advice.

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Recently I scavenged an old 486 laptop. It boots and says it is "Media Magic PN315/DSTN". BIOS detects 8mb of RAM. I want to put it to work somehow, but first i would like to put in more memory. The beast has 2 slots filled with strange memory modules. I never met such things before.  
<http://129.25.13.57/Image1.jpg>  
<http://129.25.13.57/Image2.jpg>

It looks like FP memory. I found the datasheet on the chip used (424400) and tracked the pinout with a tester. Each of the modules seem to have 32-bit wide data bus, 4 CAS signals to strobe the column address for each individual byte, and 1 RAS. So it is pretty much like 72pin SIMM, though with only one RAS signal. (By the way, I checked through JEDEC JESD-21C standard. It lists a lot of wierd memory module configs but none with 60 pins x 32 bit on it. So the memory does not conform to JEDEC.)

On both memory slots CAS signals different, as well as RASes. All other signals are common to both slots. I just wonder if a bit of soldering will enable me to use a regular 72 pin SIMM in here. Am I understanding correctly, that wiring just one RAS signal to the SIMM will simply allow me to use just half of memory?

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`rm -rf /mnt/windows`

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