

Installing Cache Memory Option on EISA and PCI RAID Controllers



Product Notes

EK-SM902-RF. C01

Purpose:

These product notes explain how to install the optional cache memory module contained in this kit on 1- or 3-channel, EISA or PCI RAID controllers. The cache memory module is either:

MS100-AA	16MB Cache Memory for KZPSC and KZESC, or
MS100-AB	32MB Cache Memory for KZPSC and KZESC

What You Need:

No tools are required to install the cache memory module. Three items are needed:

1. One, 1- or 3-channel, EISA or PCI RAID controller;

2. The cache memory module contained in this kit; and

3. These Product Notes.

Installing Cache Memory Module:

This procedure applies to 1 and 3-channel PCI and EISA RAID controllers. A PCI RAID controller is shown in all illustrations.

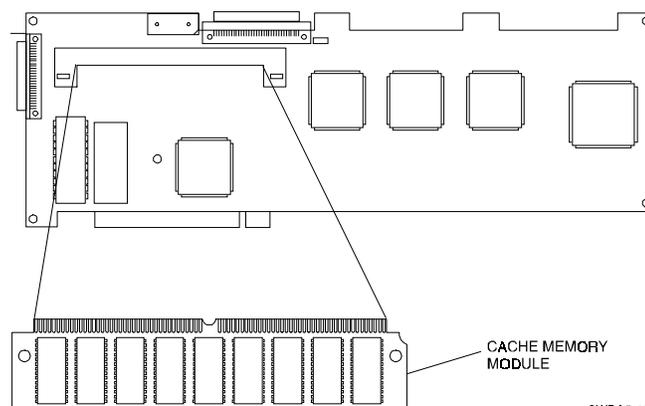
CAUTION

To avoid static damage to the RAID controller board and cache memory module, wear a grounded wrist strap while installing the module.

1. If battery backup board is installed on RAID controller, it must be temporarily removed. Refer to Product Notes that came with board and remove board by pulling it straight back from controller. Put battery backup board aside, it will be installed again in step 5.

2. Unpack cache memory module and position it above its mounting site on RAID controller as shown in Figure 1.

Figure 1 Installing Cache Memory Module on PCI RAID Controller



NOTE

If you are installing the MS100 cache memory module on a KZPSC controller in the next step, and the module touches any other components on the controller, call the local DIGITAL support person. Physical interference from other components may prevent the cache memory module from seating correctly in the mounting tabs. This can result in intermittent contact, causing the KZPSC controller to stop functioning.

If it ever becomes necessary to remove the cache memory module, use your thumbs to spread the spring-loaded tabs mentioned in the following step. Then withdraw the module from its mating connector.

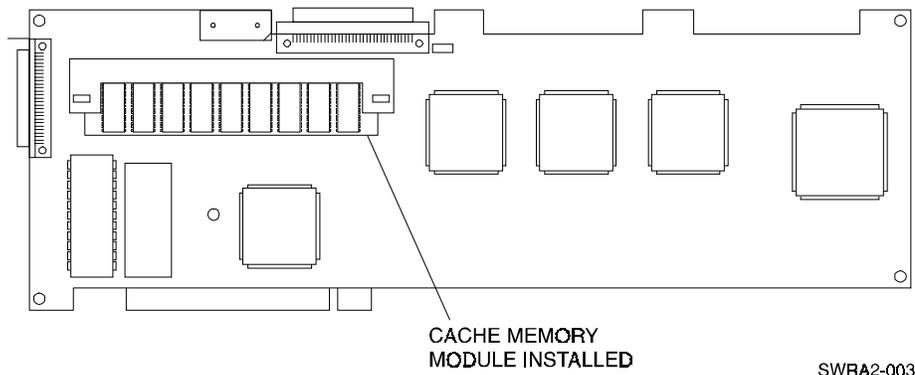
3. Insert cache memory module connector into mating connector on mounting site until spring-loaded tabs click, indicating connector is seated.

4. Figure 2 shows cache memory module installed on RAID controller. Continue with next step only if battery backup board was removed and put aside in step 1

5. If battery backup board was removed in step 1, locate it and Product Notes that came with it. Read installation procedure in Product Notes before continuing with next step.

6. Install battery backup board on RAID controller so battery backup connector engages mating connector on controller, and white plastic locater stud enters locater hole on controller.

Figure 2 Cache Memory Module Installed on PCI RAID Controller



NOTE

Do not install MS100-AA or MS100-AB on KZPAC PCI RAID controllers. The installation won't damage either the KZPAC controller or the cache memory module, but will limit controller performance.