



# Sun Fire™ 6800/4810/4800/3800 Systems Hardware Product Notes

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# Product Notes

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This document contains late-breaking hardware-related news on Sun Fire™ 6800/4810/4800/3800 systems. This document contains the following sections:

- [Supported and Unsupported Features](#)—page 3
  - [General Cautions, Notes, and Warnings](#)—page 4
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## Supported and Unsupported Features

- Dynamic reconfiguration (DR) is available on all Sun Fire 6800/4810/4800/3800 systems with firmware release 5.12.6 and later.
- System controller failover is available on all Sun Fire 6800/4810/4800/3800 systems with firmware release 5.13.0 and later. Earlier firmware versions have system controller clock failover only, and Sun Fire system must be powered off to replace a failing System Controller board.
- Mixing CPU/Memory boards with CPU/Memory+ boards in the same chassis *is not supported*. You must install CPU/Memory boards of the same type (either all CPU/Memory boards or all CPU/Memory+ boards) in the same chassis.

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# General Cautions, Notes, and Warnings

## Captive Screws



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**Caution** – Completely loosen all captive screws before ejecting the System Controller board, power supplies, and I/O assemblies. Captive screws that have not been completely loosened may cause damage to the System Controller board, power supplies, or I/O assemblies.

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## Fan Speed Message

The fan speed message states “WARNING” instead of “NOTICE” when the fan changes speed. Fans will go from low to high speed if all of the system fans are not providing cooling, or when the environmental threshold is exceeded for the CPU. Use the `showenv -v` command to obtain CPU environmental threshold information. Refer to the *Sun Fire 6800/4810/4800/3800 System Controller Command Reference Manual* for correct usage of the `showenv` command. The system is OK and is still within the thermal specification when this “WARNING” message appears.

## Sun Fire Cabinet Fan Tray Power Switches

If the Sun Fire cabinet fan trays are not operating, make sure that the fan trays are switched on. The fan tray power switches are located in the back of each cabinet fan tray, below the power cord socket.

# Firmware On Replacement Boards and Assemblies

After installing a board or assembly, use the `showboards -p proms` command to determine if the firmware needs to be updated. If an update is required, use either the system controller `flashupdate -f` or `flashupdate -c` command. Refer to the *Sun Fire 6800/4810/4800/3800 System Controller Command Reference Manual* for correct usage of the `flashupdate` command.

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**Note** – Do not use the `flashupdate -u` command as shown in onscreen messages. Using `flashupdate -u` can result in incompatibility issues that require a reboot of the system controller and domains.

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You can find a list of the most current patches for bug fixes and system firmware upgrade on SunSolve Online<sup>sm</sup>. SunSolve provides recommended and security patches, including Year 2000 patches, to all users. Other product and OS patches are available to SunSpectrum<sup>sm</sup> contract customers. Contact your local Sun Customer Care Center or your service provider if you need assistance in accessing the list of current patches and system firmware upgrades.

## Switzerland Caution



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**Caution** – The Sun Fire 3800 system exceeds the rating requirements in Switzerland for pluggable type A equipment. To comply with national requirements, customers in Switzerland who receive a standalone Sun Fire 3800 system (shipped without a rack) must provide a means to connect the system to a pluggable type B power circuit.

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