

# BOOT PROM FLASH UPDATE V880

**Sun Fire V480 and V880 With 900 MHz CPUs May Panic or "Red State" Due to Incorrect L2 SRAM Parameter Settings in Firmware**

**Doc ID 55480**

**Date 10 July 03**

V880 installation process. You must have time to reboot the server for the flash update to take place. Time for installation is about 30 minutes.

**1. You must log in as root**

**2. From the sun patch site. Download the Boot prom patch and save to /h/PUBLIC**

<http://sunsolve.sun.com/pub-cgi/findPatch.pl?patchId=112186&rev=08>

File will be a .zip file.

To unzip do the following

**3. #cd /h/PUBLIC**

**4. #unzip 112186-09.zip**

View README and install patch.

**5. #cd 112186-09**

**#more unix.flash-update.README**

Turn off security mode setting in order to install the firmware patch

You will receive this error if you do not.

\*\* ERROR: **system security set: system** firmware was not modified

**6. #eeprom security-mode=none**

Now once you understand the readme install the patch. System will reboot immediately after installation is complete.

**7. # ./unix.flash-update.SunFire880.sh**

Flash Update 2.4: Program and system initialization in progress...

Current System Flash PROM Revision:

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OBP 4.5.12 2002/03/27 13:59

Available System Flash PROM Revision:

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OBP 4.10.7 2003/06/11 07:04

NOTE: The system will be rebooted (reset) after the firmware has been updated.





```

I/O PCI 8 B 3 33 33 2,0 ok pci108e,1000-pci108e,1000.1 device on pci-
bridge
I/O PCI 8 B 3 33 33 2,1 ok SUNW,qfe-pci108e,1001 SUNW,pci-
qfe/pci-bridg+
I/O PCI 8 B 3 33 33 3,0 ok pci108e,1000-pci108e,1000.1 device on pci-
bridge
I/O PCI 8 B 3 33 33 3,1 ok SUNW,qfe-pci108e,1001 SUNW,pci-
qfe/pci-bridg+
I/O PCI 8 B 1 33 33 4,0 ok SUNW,m64B SUNW,370-4362
I/O PCI 9 A 7 66 66 2,0 ok pci-pci8086,b154.0/SUNW,qlc (scs+ PCI-
BRIDGE
I/O PCI 9 A 7 66 66 4,0 ok SUNW,qlc-pci1077,2200.1077.4083.+ device on
pci-bridge
I/O PCI 9 A 7 66 66 5,0 ok SUNW,qlc-pci1077,2200.1077.4083.+ device on
pci-bridge

```

No failures found in System  
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===== Environmental Status  
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System Temperatures (Celsius):

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Device      Temperature  Status
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CPU0        66          OK
CPU1        71          OK
CPU2        62          OK
CPU3        62          OK

```

General system failure  
Front Status Panel:

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Keyswitch position: NORMAL

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System LED Status:
      GEN FAULT          REMOVE
      [OFF]             [OFF]

      DISK FAULT        POWER FAULT
      [OFF]             [OFF]

      LEFT THERMAL FAULT  RIGHT THERMAL FAULT
      [OFF]             [OFF]

```

LEFT DOOR                      RIGHT DOOR  
 [OFF]                              [OFF]

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Disk Status:

	Presence	Fault LED	Remove LED
DISK 0:	[PRESENT]	[OFF]	[OFF]
DISK 1:	[PRESENT]	[OFF]	[OFF]
DISK 2:	[PRESENT]	[OFF]	[OFF]
DISK 3:	[PRESENT]	[OFF]	[OFF]
DISK 4:	[PRESENT]	[OFF]	[OFF]
DISK 5:	[PRESENT]	[OFF]	[OFF]
DISK 6:	[PRESENT]	picl_get_propval_by_name for fault led_state failed	

General system failure

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Fan Bank :

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Bank	Speed ( RPMS )	Status	Fan State
CPU0_PRIM_FAN	2127	[ENABLED]	OK
CPU1_PRIM_FAN	2205	[ENABLED]	OK
CPU0_SEC_FAN	0	[DISABLED]	OK
CPU1_SEC_FAN	0	[DISABLED]	OK
IO0_PRIM_FAN	3896	[ENABLED]	OK
IO1_PRIM_FAN	3797	[ENABLED]	OK
IO0_SEC_FAN	0	[DISABLED]	OK
IO1_SEC_FAN	0	[DISABLED]	OK
IO_BRIDGE_PRIM_FAN	3370	[ENABLED]	OK
IO_BRIDGE_SEC_FAN	0	[DISABLED]	OK

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Power Supplies:

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Supply	Status	Fan Fail	Temp Fail	CS Fail	3.3V	5V	12V	48V
PS0	GOOD			6	4	2	3	
PS1	GOOD			6	4	2	3	
PS2	GOOD			6	4	2	3	

