

intel® Technical Advisory

TA-0771-01

5200 NE Elam Young Parkway
Hillsboro, OR 97124

May 9, 2005

Incorrect FRU Data Programmed on Factory Integrated Intel® Server Board SE7520JR2 Based Platforms

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Products Affected

Product Code:	MM#
SR1400SYS	865571
SR1400SYSNA	865595
SR2400SYS	865593
SR2400SYSNA	865594
SR2400SYSD2	865605
SR2400SYSD2NA	866080

Description

An issue was found with the FRU data loaded on to Intel factory integrated platforms based on the Intel® Server Board SE7520JR2. See the "Products Affected" list above. This issue does not affect board only SKUs of the Intel® Server Board SE7520JR2.

As a result of this issue, anyone attempting to run the FRUSDR Utility will encounter the following error which ends execution of the utility without updating the FRU and SDR data areas:

```
FRU IMBDEVICE on bus FFh, Device ID 00h, IPMB address 20h, LUN00
Loading Chassis Area
Error, invalid chassis type found, must be a hex# from 01 to 18 hex
Error, unsuccessful write of FRU file area to fru memory
```

Root Cause

Intel has determined that an end of field character was mistakenly left off of one of the FRU data fields programmed in Intel's factory during system integration. The missing end of field character prevents the FRUSDR utility from recognizing an acceptable chassis type for the specified server board causing it to abort the FRU and SDR update process.

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Corrective Action / Resolution

Intel has corrected the FRU update file used in its factory for its platform integration process. All factory integrated Intel Server Board SE7520JR2 platforms assembled with a manufacturing Date Code of 11 April 2005 or later have the corrected FRU data loaded and are not affected by this issue. Manufacturing Date Codes can be found on the white product label on the outside of the shipping box.

For integrated platforms affected by this issue, Intel has made available a DOS based utility (FIXFRU.EXE) that corrects the errant FRU data field. Once corrected, the FRU and SDR data can be successfully updated using the FRUSDR utility.

Intel recommends that customers with factory integrated platforms that fall within the following Serial Number ranges run the FIXFRU.EXE utility to allow for successful loading of FRU and SDR data.

Product Codes SR1400SYS & SR1400SYSNA	Product Codes SR2400SYS & SR2400SYSNA	Product Codes SR2400SYSD2 & SR2400SYSD2NA
BZDW44700003 thru BZDW44700300	BZDR44750860 thru BZDR44751159	BZDR44900001 thru BZDR44900300
BZDW45000583 thru BZDW45000589	BZDR45000496 thru BZDR45000622	BZDR45000001 thru BZDR45000669
BZDW45100001 thru BZDW45101300	BZDR45102959 thru BZDR45103332	BZDR45102889 thru BZDR45102958
BZDW50150201 thru BZDW50150645	BZDR50151341 thru BZDR50151408	BZDR50100064 thru BZDR50151658
BZDW50300026 thru BZDW50352717	BZDR50252710 thru BZDR50252787	BZDR50252788 thru BZDR50252911
BZDW51050261 thru BZDW51050396	BZDR50300378 thru BZDR50300447	BZDR51050620 thru BZDR51050819
BZDW51101416 thru BZDW51101465	BZDR51050420 thru BZDR51052168	BZDR51052669 thru BZDR51052968
BZDW51350622 thru BZDW51353402	BZDR51351781 thru BZDR51351976	BZDR51104715 thru BZDR51104764
		BZDR51253602 thru BZDR51253701
		BZDR51351977 thru BZDR51352066

Please contact your Intel Sales Representative if you require more specific information about this issue.

Enterprise Platforms & Services Division
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