

intel® Technical Advisory

TA-0337-1

5200 NE Elam Young Parkway
Hillsboro, OR 97124

December 13, 2000

SR2050 Installation Procedure Update for the STL2 PCI Flex Riser

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Products Affected

Product Code	Description
KB2HSU	Intel® Server Rack Chassis SR2050-U for the STL2 and L440GX+ server boards
KB2HST	Intel® Server Rack Chassis SR2050-T for the STL2 server board
FB2TLRISER	STL2 PC Flex Riser Spare
FB2SPRSLWPU	SR2050 Chassis Complete Spares Kit

Description

Intel has determined that it may be difficult to install the STL2 PCI flex riser into the STL2 server board using the installations procedures provided on page 22 of the SR2050 Chassis Subassembly Product Guide (for the KB2HSU and KB2HST).

Corrective Action / Resolution

Effective immediately, a one page document with revised installation instructions for the STL2 PCI flex riser will be inserted into all KB2HST and KB2HSU chassis products built as detailed in the Workarounds section below.

In addition, to improve the ease of installation of the STL2 PCI flex riser, the spacing between the slot keys of the 64bit PCI edge connector of the PCI Flex Riser will be increased. The PBA for the riser will change from A32819-302 to A32819-303. This change will be implemented in the factory during February 2001.

Workarounds

The following page contains the one page document (Item number: A49402) that is being inserted in all KB2HSU and KB2HST chassis products. These instructions should be used to install the STL2 PCI flex riser into the STL2 server board when installing the STL2 board into the SR2050 chassis.

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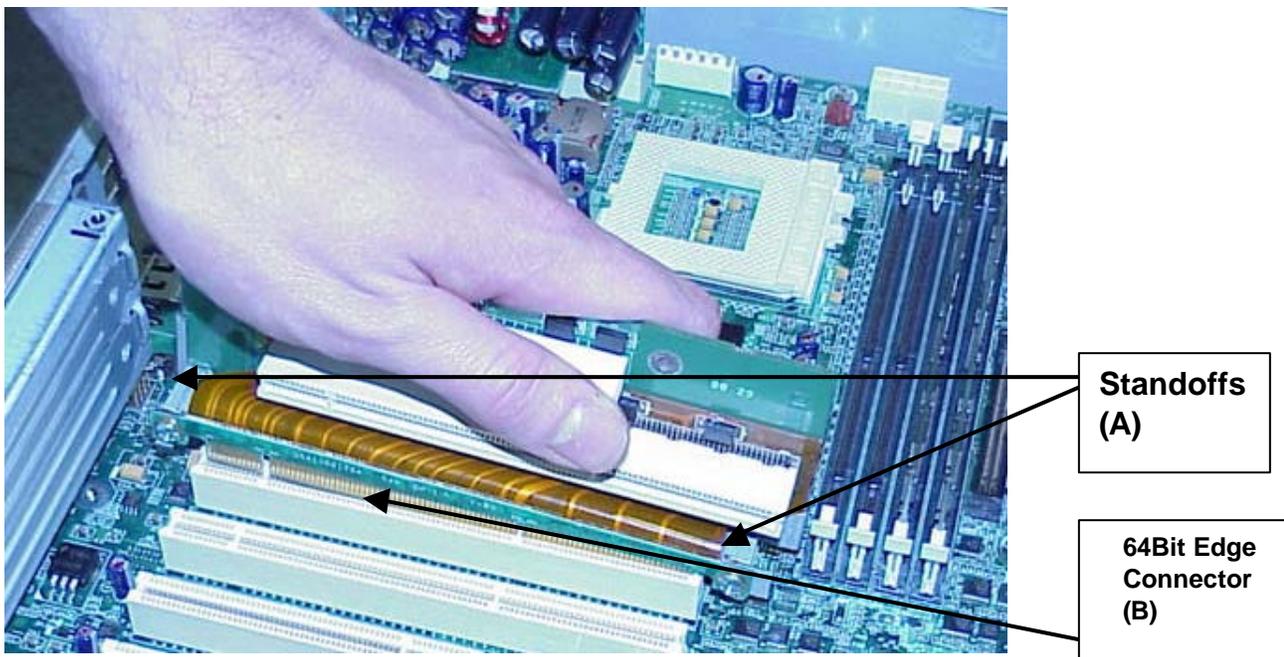
ATTENTION!!!

Intel has determined that it may be difficult to install the STL2 flex PCI riser (A32819-30x) into the STL2 baseboard using the steps provides in the SR2050 Product Guide. To resolve this issue, Intel recommends the steps listed below be used to install the Riser.

Caution:

- Do not press on the flex circuit - stress may induce cracking or tearing, leading to failures.
- Do not press on the riser's 64bit PCI connector (B) during installation. Stress could weaken the integrity of the components, possibly resulting in failures.
- Use standard ESD precautions while completing the installation (see page 21 of SR2050 Product Guide for details).

- 1) Install flex riser into baseboard.
 - a. Grasp the top of the riser with one hand (see Picture below).
 - b. Align the flex riser with PCI slots 1 and 2 of the STL2 baseboard (see Figure 15, page 33 of the Product Guide) and insert one end of the 64bit edge connector into the PCI slot.
 - c. Apply downward pressure to the flex riser to seat it into the baseboard. Carefully rock the riser to seat it properly into the PCI slot. In some cases it may be necessary to press on the standoffs (A) to fully seat the card into the baseboard.
Use caution so that pressure is not applied to the flex circuit material or the 64bit edge connector (B).
- 2) Attach mounting bracket to riser card with 2 screws.
 - a. Reposition the riser mounting bracket to its original position (see Figure 5 page 22).
 - b. Attach the riser to the mounting bracket with 2 screws.
 - c. Attach the assembled riser with mounting bracket to the chassis with 2 screws.



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