

intel® Technical Advisory

TA-388-1

5200 NE Elam Young Parkway
Hillsboro, OR 97124

December 15, 2000

KHDBASE, KHDHS, and KHDHSRP Upgrade for the STL2/SBT2 Server Boards

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Products Affected

KHDHSRP, KHDHS, KHDBASE, STL2, BTLBB, SBT2, BBTBB

Description

A change was made to the SC5000 server chassis product family in order to enable support for the Intel STL2 and SBT2 server boards as well as the L440GX+ server board. This change is described in Product Change Notification (PCN) # 101355-00, which was distributed on June 28, 2000. In order to distinguish between the SC5000 chassis product codes that have support for the Intel STL2 and SBT2 server board, the KHDHSRP, KHDHS, and KHDBASE product codes were retired. New product codes were created in their place, the KHDHSRPU, KHDHSU, and KHDBASEU.

The KHDHSRP, KHDHS, and KHDBASE product codes support the L440GX+ server board only. The KHDHSRPU product code supports the STL2, SBT2, and L440GX+ server boards. The KHDHSU and KHDBASEU product codes support the STL2 and L440GX+ server boards.

Customers with existing inventory of the KHDHSRP, KHDHS, and KHDBASE chassis have requested information on how these product codes can be updated for support of the STL2 and SBT2 server boards. This Technical Advisory (TA) has been created to provide this information.

Root Cause

The KHDHSRP, KHDHS, and KHDBASE chassis are not intended for use with the STL2 and SBT2 server boards.

Corrective Action / Resolution

Intel recommends that customers use their existing inventory of the KHDHSRP, KHDHS, and KHDBASE product codes with the L440GX+ server board, and that customers use the KHDHSRPU with the SBT2 or STL2 server boards and the KHDHSU and KHDBASEU with the STL2 server boards. However, customers with existing inventory of the KHDHSRP, KHDHS, and KHDBASE chassis who have a requirement to use these product codes with the SBT2 or STL2 server boards can do so by upgrading these product codes using the SC5000 spare kits listed in the "Workarounds" section of this TA.

Workarounds

The KHDBASE product code can be updated to the KHDBASEU product code by using the following steps and SC5000 spare kits:

1. Replace the front panel board with spare kit FHDFRNTPNL, MM# 823394.
2. Add a speaker such as the one included in spare kit KHDSPKR, MM# 830778.

The KHDHS product code can be updated to the KHDHSU product code by using the following steps and SC5000 spare kits:

1. Replace the front panel board with spare kit FHDFRNTPNL, MM# 823394.
2. Add a speaker such as the one included in spare kit KHDSPKR, MM# 830778.

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3. Replace the SAF-TE card with spare kit FHDSAFTE, MM# 823389, OR update the HSC firmware on the SC5000 SAF-TE card to a SBT2/STL2 compatible version (a L440GX+ board must be used to do the update).

The KHDHSRP product code can be updated to the KHDHSRPU product code by using the following steps and SC5000 spare kits:

1. Replace the front panel board with spare kit FHDFRNTPNL, MM# 823394.
2. Add a speaker such as the one included in spare kit KHDSPKR, MM# 830778.
3. Replace the SAF-TE card with spare kit FHDSAFTE, MM# 823389, OR update the HSC firmware on the SC5000 SAF-TE card to a SBT2/STL2 compatible version (a L440GX+ board must be used to do the update).
4. Replace the redundant power supply housing with spare kit FXX350HSE, MM# 823934.

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

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