

intel® Action Alert

AA-0641-1

5200 NE Elam Young Parkway
Hillsboro, OR 97124

March 19, 2003

Integration Requirements for the Intel® Server Board S845WD1-E in the Intel SC5250-E Chassis Necessary to Prevent Fan Header Failures.

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice. The **server board S845WD1-E and the server chassis SC5250-E** may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Products Affected

Product	Product Codes
S845WD1-E	S845WD1 S845WD1H S845WD11U
SC5250-E	SC5250-E

Description

Intel has received multiple customer reports of fan header failures on Intel® Server Board S845WD1-E when integrated into the Intel® Server Chassis SC5250-E.

Root Cause

Intel Server Board S845WD1-E fan headers are implemented to provide a maximum current of 600mA. The Intel Server Chassis SC5250-E fans can draw as much as 900mA of current during full speed condition.

Recommended Customer Action

Intel is asking all customers not to integrate Intel Server Board S845WD1-E manufactured prior to March 14, 2003 into the Intel Server Chassis SC5250-E. If you have an Intel Server Board S845WD1-E built prior to March 14, 2003 that has been integrated into the Intel Server Chassis SC5250 and have experienced fan header failures, please return it via the normal warranty process.

On March 14, 2003 Intel updated the current capability of the fan headers on the Intel Server Board S845WD1-E with product code S845WD1H, AA number A83712-303 or later (S845WD1 and S845WD11U SKUs will not include the change) to allow integration into the Intel Server Chassis SC5250-E. The table below lists the server board AA number and product code required to integrate the Intel Server Board S845WD1-E into the Intel Server Chassis SC5250-E.

S845WD1-E Product Code	S845WD1-E AA Number	Supported
S845WD1	A83712-2XX	Not Supported
S845WD11U	A83712-2XX	Not Supported
S845WD1H	A83712-303 or later	Yes

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

intel[®] Action Alert

AA-0641-1

5200 NE Elam Young Parkway
Hillsboro, OR 97124

March 19, 2003

Enterprise Platforms and Services Division
Enterprise Servers Group
Intel Corporation