

intel® Technical Advisory

TA-733

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Intel® Server Board S875WP1-E: PXE and SATARAID Configuration Errors.

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Products Affected

Product	Product Code
Server Board S875WP1-E – Boxed 2 Port SATA RAID	S875WP1
Server Board S875WP1-E – Boxed 2 + 4 Port SATA RAID	S875WP1LX
Server Board S875WP1-E – OEM	BWPBB

Description

Intel® Server Board S875WP1-E, AA# CXXXXX-306, was built with an alternate network adapter EEPROM at location U7B1. The part has been approved as a like part and was expected to have identical performance. Two problems have been encountered with this part change. 1) The SATARAID.EXE version 1.0.0.0 is not able to write to the EEPROM to configure the SATA controller for RAID or SATA modes. 2) The Intel Boot Agent (IBA) 1.2.10 displays the following error during network booting and will not connect to a PXE server: PXE05: The Lan configuration is corrupt or has not been initialized. The boot agent can not be continued.

Root Cause

The network adapter EEPROM at location U7B1 was not adequately tested for the SATA RAID configuration utility or PXE boot functions prior to implementation.

Corrective Action / Resolution

The SATARAID.EXE ver. 1.0.2.0 utility has been updated with additional library files to work with all of the EEPROM parts currently listed on Bill of Materials (BOM).

BIOS P17 has been updated with IBA 1.2.26 and 4.1.16 for the on-board Gigabit and 10/100 network adapters, resolving the PXE and EEPROM error.

The SATARAID.EXE and BIOS P17 are available to download at:
http://downloadfinder.intel.com/scripts-df/Product_Filter.asp?ProductID=960

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