



This Technical Advisory describes an issue which may or may not affect the customer's product

Intel Technical Advisory

TA-0974-1

5200 NE Elam Young Parkway
Hillsboro, OR 97124

April 5th, 2011

Intelligent Platform Management Bus (IPMB) functions on devices connected to IPMB connector might not be available on Intel® Server Board S1200BTL

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Products Affected

Table. 1. Products Affected

Product	Product code	MM#
Intel® Server Board S1200BTL	S1200BTL	911776
	BBS1200BTL	911645
	DBS1200BTL	911794
Intel® Server System R1304BTLSFAN	R1304BTLSFAN	911698
	R1304BTLSFANNA	907775
Intel® Server System R1304BTLSHBN	R1304BTLSHBN	911688
	R1304BTLSHBNNA	907658
Intel® Server System P4304BTL SFCN	P4304BTL SFCN	912776
	P4304BTL SFCNNA	908252
Intel® Server System P4304BTL SHCN	P4304BTL SHCN	912775

	P4304BTLSHCNNA	907886
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Description

Intel has discovered a potential marginal timing issue on the Intelligent Platform Management Bus (IPMB) of the Intel® Server Board S1200BTL when connected with a third party management device. The issue observed exhibits the following symptom: BMC data reads of over 2 bytes from connected IPMB devices might fail to complete. Single or Two byte reads between BMC IPMB and third party management devices are not affected by this issue.

The affected PBA of the server board is E98681-306. The Intel® Server Systems R1304BTLSFAN, R1304BTLSHBN, P4304BTLSEFCN and P4304BTLSHCN server boards with PBA E98681-306 are also affected.

Root Cause

The issue has been root caused to a violation of the Intelligent Platform Management Interface (IPMI) and PM (Power Management) Bus specification on the IPMB and PM Bus ports.

Corrective Action / Resolution

Intel is releasing a new BMC firmware Rev.01.05 to resolve this issue on April 30th, 2011. The system software update package, including release notes will be available for download from Intel's support website at http://www.intel.com/p/en_US/support/highlights/server/sb-s1200bt. Please refer to the release.txt in the software update package for a list of changes made to the BIOS, BMC and FRUSDR.

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

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