



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

Intel Technical Advisory

TA- 1132

5200 NE Elam Young Parkway
Hillsboro, OR 97124

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Intel® Server Boards S2600BP Product Family and Intel® Compute Modules HNS2600BP Product Family may not power on after AC power cycle when used with Intel® Server Chassis H2204XXLRE or Intel® Server Chassis H2312XXLR3

Products Affected

Product Name	Product Code
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Intel® Server Systems

LBP2204JR561601, LBP2312JR561602, LBP2304JS510600,
LBP2312JS53060F, LBP2304JS542800, LSSFRACKXXXX157,
LBP2204ZRXXX00, LBP2312JR56160D, LBP2304JS518200,
LBP2312JS53060G, LBP2304JS548002, LSSFRACKXXXX158,
LBP2204ZS548600, LBP2312JR56161D, LBP2304JS518500,
LBP2312JS530800, LBP2304JS548201, LSSFRACKXXXX159,
LBP2224JS508200, LBP2312JS510800, LBP2304JS518600,
LBP2312JS532201, LBP2304JS548202, LSSFRACKXXXX169,
LBP2224JS514600, LBP2312JS514200, LBP2304JS518601,
LBP2312JS532202, LBP2304JS548603, LSSFRACKXXXX171,
LBP2224JS516600, LBP2312JS514202, LBP2304JS518800,
LBP2312JS532600, LBP2304JS548607, LSSFRACKXXXX174,
LBP2224JS520601, LBP2312JS514600, LBP2304JS518801,
LBP2312JS532800, LBP2304JS54860A, LSSFRACKXXXX176,
LBP2224JS526202, LBP2312JS514801, LBP2304JS526200,
LBP2312JS532801, LBP2304JS54860B, LSSFRACKXXXX222,
LBP2224JS526203, LBP2312JS514X00, LBP2304JS526600,
LBP2312JS532802, LBP2304JS550200, LSSFRACKXXXX38,
LBP2224JS526204, LBP2312JS515600, LBP2304JS528801,
LBP2312JS534200, LBP2304JS550602, LSSFRACKXXXX66,
LBP2224JS526600, LBP2312JS516800, LBP2304JS530201,
LBP2312JS534201, LBP2304JS550603, LSSFRACKXXXX67,
LBP2224JS526601, LBP2312JS518601, LBP2304JS530201,
LBP2312JS534800, LBP2304JS550604, LSSFRACKXXXX68,
LBP2224JS526800, LBP2312JS518602, LBP2304JS530201,
LBP2312JS538201, LBP2312JR030020, LSSFRACKXXXX69,
LBP2224JS530600, LBP2312JS518603, LBP2304JS530601,
LBP2312JS538203, LBP2312JR561201, LSSFRACKXXXX73,
LBP2224JS530604, LBP2312JS518800, LBP2304JS530602,
LBP2312JS538600, LBP2312JR561601, LSSFRACKXXXX86,
LBP2224JS530800, LBP2312JS518801, LBP2304JS530800,
LBP2312JS540200, LBP2224JS532000, LBP2312JS526201,
LBP2304JS530802, LBP2312JS540202, LBP2224JS532202,
LBP2312JS526604, LBP2304JS530803, LBP2312JS552500,
LBP2224JS532203, LBP2312JS526801, LBP2304JS530804,
LBP2312JXX38880, LBP2224JS532602, LBP2312JS528600,
LBP2304JS530805, LBP2312ZRXXX00, LBP2224JS532603,
LBP2312JS530200, LBP2304JS532500, LBP2312ZRXXX01,
LBP2224JS532604, LBP2312JS530201, LBP2304JS532600,
LBP2312ZRXXX02, LBP2224JS538800, LBP2312JS530202,
LBP2304JS534200, LBP2312ZRXXX03, LBP2224JS538801,
LBP2312JS530203, LBP2304JS534600, LBP2312ZRXXX04,
LBP2224JS540500, LBP2312JS530600, LBP2304JS536603,
LBP2312ZRXXX05, LBP2224JS540501, LBP2312JS530601,
LBP2304JS536604, LSSFRACKXXXX104, LBP2224JS540600,
LBP2312JS530602, LBP2304JS538200, LSSFRACKXXXX106,
LBP2224JS540601, LBP2312JS530603, LBP2304JS538201,
LSSFRACKXXXX119, LBP2224JS552200, LBP2312JS530609,
LBP2304JS540200, LSSFRACKXXXX136, LBP2224JS552201,
LBP2312JS53060A, LBP2304JS540600, LSSFRACKXXXX138,
LBP2224ZRXXX03, LBP2312JS53060D, LBP2304JS542602,
LSSFRACKXXXX139, LBP2304JS510200, LBP2312JS53060E,
LBP2304JS542603, LSSFRACKXXXX140, MCB2224BPHY1,
OAB2224BPHYD1

Intel® Server Boards	BBS2600BPB, BBS2600BPS, BBS2600BPQ
Intel® Server Compute Modules	HNS2600BPQ, HNS2600BPS, HNS2600BPB

Description

Intel® has discovered an issue in which some Intel® S2600BP Board/Compute Modules might not power on after an AC power cycle when used with Intel® Server Chassis H2204XXLRE and Intel® Server Chassis H2312XXLR3. Based on circuit analysis and validation data Intel does not believe there are risks of run time failures.

The issue may be identified after an AC power cycle and if the system meets the following conditions:

- The system is using Hot-Swap Backplane FHW04X35HSBP/FHW12X35HS12G, installed in Intel Server Chassis H2204XXLRE or Intel Server Chassis H2312XXLR3.
- The chassis Power Supplies LEDs are blinking green.
- The server Front Panel LEDs and the BMC Dedicated LAN port (green LAN connector in the backside of the node) are not blinking.
- The system does not power on.

Root Cause

This issue is a result of a substitution of a component installed on the motherboard which does not meet Intel design requirements. We have resolved this issue and all new systems being shipped are not affected.

Corrective Action / Resolution

Intel has replaced the components and all shipping systems are not affected.

Recommended Customer Action

Customers of products listed in the affected products table, should contact their Intel sales representative who can provide a list of affected serial numbers in addition Intel can provide a software tool to help determine whether their systems are impacted. If you have affected systems, please contact your Intel® Customer Support representative, Intel® will support Advanced Warranty Replacement of field replaceable units (FRU) of the affected compute modules for customers that request it. When contacting the Intel® Customer Support representative please mention this Technical Advisory.

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