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

Intel Technical Advisory

TA-1011-01

5200 NE Elam Young Parkway
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I2C CABLE CONNECTION ISSUE WITH INTEL® SERVER SYSTEM P4208CP4MHGC

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Products Affected

Intel® Server System P4208CP4MHGC, with the MM# and Serial Numbers, listed in the table below:

MM#	From Serial Number	To Serial Number
918995	FZUP2110413	FZUP2110413
918995	FZUP2130004	FZUP2130007
918995	FZUP2130121	FZUP2130121
918995	FZUP2130504	FZUP2130504
918995	FZUP2130506	FZUP2130597
918995	FZUP2130608	FZUP2130608
918995	FZUP2171697	FZUP2171699
918995	FZUP2171702	FZUP2171702
918995	FZUP2171704	FZUP2171706
918995	FZUP2171708	FZUP2171708
918995	FZUP2171710	FZUP2171714
918995	FZUP2171717	FZUP2171751
918995	FZUP2171753	FZUP2171803

Description

In the Intel® Server System P4208CP4MHGC with the above mentioned Serial Numbers, the I^2C cable is connected to the connector labeled "I2C_OUT" on the backplane (Figure 1). However, to install a second backplane in the system, the I^2C cable needs to be connected to the connector labeled "I2C_IN" on the original installed backplane (Figure 2).

When installing a second backplane in the Intel® Server System P4208CP4MHGC, the two backplanes need to be cascaded with two I^2C cables. The first I^2C cable should connect to the "I2C_IN" connector on the first backplane, and the second I^2C cable should connect from the "I2C_OUT" connector on the first backplane to the "I2C_IN" connector on the second backplane (Figure 3).

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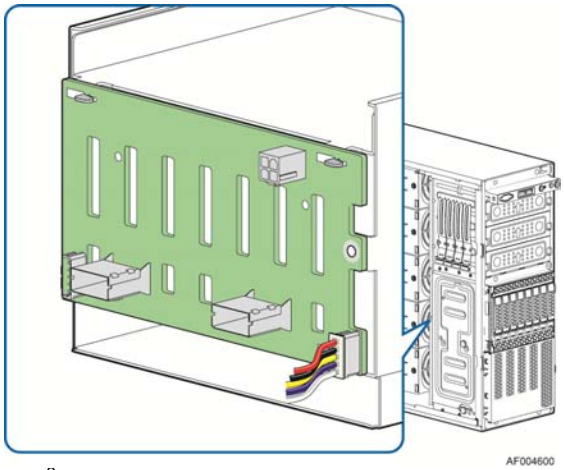

Figure 1.I^{2}C cable is connected to the “I2C_OUT” connector

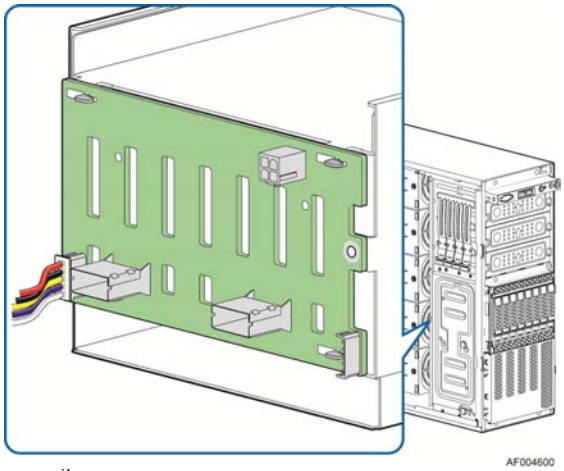

Figure 2.I^{2}C cable is connected to the “I2C_IN” connector

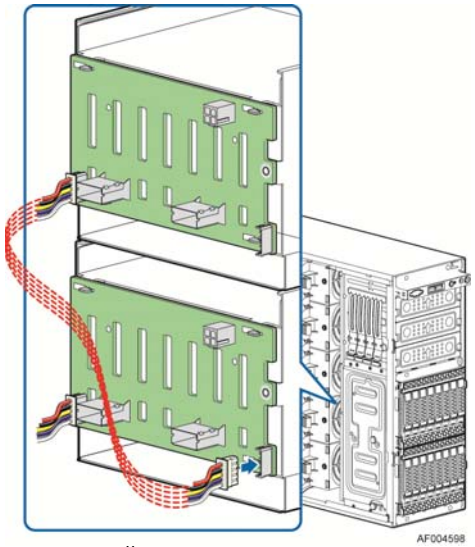

Figure 3.Cascaded I^{2}C cable connection for two backplanes

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Corrective Action / Resolution

Intel is implementing a change in manufacturing to connect the I^2C cable to the “I2C_IN” connector on the original backplane in the Intel® Server System P4208CP4MHGC, as shown in Figure 2 above.

Workarounds

Customers should connect the I^2C cable to the “I2C_IN” connector on the original backplane (Figure 2) in the Intel® Server System P4208CP4MHGC.

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

Enterprise Platforms & Services Division
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