

intel® Technical Advisory

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Hillsboro, OR 97124

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SAI2 64-bit Adapters in 32-bit Slot Limitation.

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Products Affected

Product	Product Code
Server Board SAI2 - Boxed	SAI2
Server Board SAI2 - OEM	BAIBB
Server Board SAI2 with SCSI Adapter - Boxed	SAI2SCSI

Description

When certain 64-bit PCI adapters are installed in the 32-bit PCI slots on the server board SAI2, the system may experience erratic behavior.

Root Cause

The root cause is design specific and limited to certain 64-bit adapters only, where their DMA cycles may confuse the SMBus slave state machine and force it to supply wrong data for SMBus IO reads.

Corrective Action

Intel limits the use of 64-bit PCI adapters to the 64-bit PCI slots on the server board SAI2. 64-bit PCI adapters are not to be installed in the 32-bit PCI slots on the server board SAI2.

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

Enterprise Platforms and Services Division
Enterprise Servers Group
Intel Corporation