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Intel Technical Advisory

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Server Board S5000PAL / S5000XAL BIOS Settings May Not Be Default Mode

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Products Affected
S5000PAL / BB5000PAL / BB5000XAL
SR2500ALBRP / SR2500ALBRPNA; SR2500ALLX / SR2500ALLXNA
SR1500AL / SR1500ALNA; SR1500ALSAS / SR1500ALSASNA
SR1550AL / SR1550ALNA; SR1550ALSAS / SR1550ALSASNA

Description
BIOS settings with some of the server boards shipped to customers may not be Default Mode. Details are as below:

Item	Default Mode	Manufacturing Mode
Quiet Boot	[Enabled]	[Disabled]
AHCI Mode	[Disabled]	[Enabled]
Memory	[Maximum Performance Mode]	[Dual-DIMM Sparing Mode]
Assert NMI on SERR	[Enabled]	[Disabled]
Processor Configuration		
Hardware Prefetcher	[Enabled]	[Disabled]
Adjacent cache line prefetch	[Enabled]	[Disabled]
Processor Retest	[Disabled]	[Enabled]
USB configuration		
USB Device (drive, floppy, etc)	[Auto]	[Hard Disk]
RMM Virtual CD/DVD 1.00	[Auto]	[Hard Disk]
RMM Virtual Floppy 1.00	[Auto]	[Hard Disk]
PCI configuration		
Dual Monitor Video	[Disabled]	[Enabled]
Intel(R) I/OAT	[Enabled]	[Disabled]

The affected products' Board Serial Numbers are limited within below ranges:

BZAU644XXXXX	BZDS640XXXXX
BZAU645XXXXX	BZDS641XXXXX
BZDG640XXXXX	BZDS642XXXXX
BZDG642XXXXX	BZDS643XXXXX
BZDG643XXXXX	BZDS644XXXXX
BZDG644XXXXX	BZDS645XXXXX
BZDG645XXXXX	BZPB640XXXXX
BZPB641XXXXX	BZPB643XXXXX
BZPB644XXXXX	BZPB648XXXXX

(XXXXX is a 5 digits number)

Corrective Action / Resolution
A factory test program was erroneously set to leave the boards in Manufacturing Mode rather than restoring defaults prior to shipping. **Intel expects minimal customer impact due to this.** Simply resetting BIOS using the board jumper (J1D3) or F9 in BIOS Set-up will reset system to default mode.

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

Enterprise Platforms & Services Division
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