intel®Technical Advisory

Intel® & ICP Vortex* RAID Controllers will cause the Intel® Server Board SDS2 to halt during POST when the BIOS Logo screen is enabled

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Products Affected

Product Code	Description
SRCMR	Intel® RAID Controller SRCMR
SRCU32	Intel® RAID Controller SRCU32
BOXSRCU31	Intel® RAID Controller U3-1 (SRCU31 version 6.1.2.6i firmware)
BOXSRCU31L	Intel® RAID Controller U3-1L (SRCU31L version 6.1.2.6i firmware)
SDS2	Intel® Server Board SDS2 (boxed 5-pack)
BDSBB	Intel® Server Board SDS2 (bulk 10-pack)
ICP Vortex* GDT7628RN	ICP Vortex* RAID Controller
ICP Vortex* GDT8623RZ	ICP Vortex* RAID Controller
ICP Vortex* GDT6523RS	ICP Vortex* RAID Controller

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Description

When booting the Intel® Server Board SDS2 with an Intel or ICP Vortex* RAID controller installed, the system will halt during POST when the SDS2 BIOS Logo screen is enabled. This issue occurs with Intel® RAID Controller SRCMR, SRCU32, SRCU31 and SRCU31L (with version 6.1.2.6i firmware), and also with ICP Vortex* GDT7628RN, GDT8623RZ, and GDT6523RS RAID controllers.

Root Cause

Engineering has found the root cause of this issue to be an INT 10 BIOS video interrupt call during RAID POST.

Corrective Action / Resolution

Intel is currently investigating a solution for this issue. A workaround for this issue is to press the ESC key when the Intel BIOS logo screen appears. Alternately, the Intel BIOS logo screen can be disabled. To disable the Intel BIOS logo screen, Access the SDS2 BIOS Setup (by pressing F2 when the Intel BIOS logo screen appears). In BIOS Setup, change the Advanced → Boot-Time Diagnostic Screen option to "Enabled".

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

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