

Intel® ISP1100 Server Platform Errata (4/4/00)

The following table indicates the known errata and document changes that apply to the Intel® ISP1100 server platform. Intel intends to fix some of the errata contained in this document, and to account for other outstanding issues through documentation or specifications changes, as noted. The table below uses the following notations:

Doc: This erratum will be documented in a future revision of the appropriate documentation

Fix: This erratum is intended to be fixed.

Work: There is currently a workaround solution that can be implemented.

Fixed: This erratum has been fixed.

NoFix: There are no plans to fix this erratum.

Errata #	Resolution plan	Description
1	Work/Fix	Pre-boot utilities may not display redirected console output
2	Fix	PXE option ROM message may be partially displayed
3	Fix	Remote installation of Red Hat Linux not supported
4	Fix	Pressing F2 during POST does not provide user feedback
5	Fix	Unable to enter SCSI Option ROM utilities via BIOS console redirection
6	Fix	F2 to enter BIOS setup may not work with BIOS console redirection
7	Fix	Incorrect IDE drive volume labels in BIOS Setup, advanced menu

Errata 1: Pre-boot utilities may not display redirected console output

Problem: Some Real-mode software utilities may not properly display redirected console output.

Implication: Diagnostic software utilities that run in Real-Mode (DOS) will not be able to be used with BIOS console redirection.

Workaround: There are no known problems associated with character loss using a video card and a local terminal.

Status: This problem is under investigation for a fix.

Errata 2: PXE option ROM message may be partially displayed

Problem: When attempting a PXE boot from an ISP1100 client which does not have a video card installed, an incomplete menu is presented to a redirected console for PXE options. This problem does not occur with a video card installed in the system.

Implication: The PXE menu will not be displayed. PXE will time out at the menu prompt and auto-select the first boot menu item, which is "local boot".

Workaround: There are no known problems associated with character loss using a video card and a local terminal.

Status: This problem is under investigation for a fix.

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Errata 3: Remote Installation of Red Hat* Linux* not supported

Problem: The ISP1100 PXE feature requires use of a “Kickstart” file for remote installation of the operating system. Red Hat Linux version 6.1 does not support unattended Kickstart-based installation and version 6.2 has not been validated on the ISP1100.

Implication: Unattended Kickstart based installations are not supported with Red Hat Linux.

Workaround: An attended install from local CDROM.

Status: Intel is working with Red Hat to identify a solution.

Errata 4: Pressing F2 during POST does not provide user feedback

Problem: During boot, a user may press F2 to enter BIOS setup – the BIOS is not posting a string to let the user know that it is in the process of entering setup after the user presses F2.

Implication: a user has no way of knowing that the BIOS has in fact recognized the request to enter setup and is in the process of servicing that request. Entering setup may take a few seconds from the time a user enters F2.

Status: This problem is under investigation for a fix.

Errata 5: Unable to enter SCSI Option ROM utilities via BIOS console redirection

Problem: Certain SCSI card option ROM utilities that write directly to video RAM will not operate as intended when BIOS console redirection is enabled, unless a video card is installed.

Implication: ISP1100 does not support these utilities without a video card installed.

Workaround: Install a video card.

Status: This problem is under investigation for a fix.

Errata 6: F2 to enter BIOS setup may not work with console redirection

Problem: pressing F2 to enter BIOS setup via remote console redirection does not work with some Terminal Emulation programs.

Implication: Without F2, there is no way to enter BIOS setup from a remote (serial port) console.

Status: This problem is under investigation for a fix.

Errata 7: Incorrect IDE volume labels in BIOS Setup, advanced menu

Problem: The IDE hard drive volume labels are cannot be read/displayed by the release BIOS.

Implication: invalid drive labels are displayed by the BIOS Setup.

Workaround: alternate programs, such as FDISK, may be used to read hard drive labels.

Status: This problem is under investigation for a fix.