



Product Change Notification

111587 - 02

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Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

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Product Change Notification

Change Notification #: 111587 - 02
Change Title: Intel® SSD 910 Series (400GB, 800GB)
PCN 111587-02, Product Design, Firmware Update
Reason for Revision: Firmware Version Update
Date of Publication: September 13, 2012

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Oct 31, 2012
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Description of Change to the Customer:

Reason for Revision: Firmware Version Update

Intel is upgrading the firmware version on the SSD 910 Series from 411 to 424. The changes are incremental improvements from the previous version.

Change summaries are provided:

ID	Status	Description
RAM145	Closed - Fixed with Firmware change	The Intel SSD 910 Series drive may see reduced sequential write performance when written to constantly using sequential writes for an extended period of time.
SFA - 2997	Closed - Fixed with Firmware change	The Intel SSD 910 Series drive may seldom hang when doing large transfer size (128KB and higher), deep queue (32 or higher) sequential writes or sequential write/read I/O activity.
2968	Closed - Fixed with Firmware change	NAND read errors encountered during firmware update may infrequently result in an unresponsive drive.
004	Closed - Fixed with Firmware change	One or more NAND volumes will become unresponsive on rare events that include host memory transfer halts and power loss to the drive.

For complete change descriptions, see the Intel® SSD 910 Series Solid-State Drive Sightings Report.

The Intel Datacenter Tool is used to perform the firmware update. The tool can be found starting at: <http://www.intel.com/content/www/us/en/solid-state-drives/solid-state-drives-910-series.html>.

Customer Impact of Change and Recommended Action:

Since the firmware update is an incremental improvement over the previous version, Intel anticipates no product impact with this firmware, and re-qualification is not necessary.

Intel will attempt to deplete pre-conversion material before shipping post-conversion material but there is a possibility of Intel shipping mixed inventory. Therefore, customers will need to manage and migrate to the post-conversion material as soon as possible.

Milestone dates are estimates and subject to change based on business and operational conditions.

Products Affected / Intel Ordering Codes:

Product Code	MM#	Pre Change		Post Change	
		Firmware Revision	TA	Firmware Revision	TA
SSDPEDOX400G301	921709	1200C008A411	G62724-301	1200C008A424	G62724-303
SSDPEDPX800G301	921710	1200D006A411	G62727-301	1200D006A424	G62727-303

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
July 2, 2012	00	Originally Published PCN
July 13, 2012	01	The firmware change has not yet implemented and an update will be provided at a future date.
September 13, 2012	02	Firmware Version Update