



Product Change Notification

112203 - 04

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Product Change Notification

Change Notification #: 112203 - 04
Change Title: Intel® SSD 520 Series (60GB, 120GB, 180GB, 240GB, 480GB)
PCN 112203-04, Product Design
Firmware Update
Reason for Revision: Add Clarifying Text Regarding 520i Maintenance Release
Date of Publication: May 22, 2013

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Jun 03, 2013
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Description of Change to the Customer:

Reason for Revision: Add Clarifying Text Regarding 520i Maintenance Release

The 520i maintenance release was discovered to result in lower scores under PC Mark Vantage when HIPM (Host Initiated Power Management) was enabled in a platform. This discovery occurred during product qualification.

Q&A:

- Why did this happen?
 - The 520i firmware operates best with HIPM (Host Initiated Power Management) disabled. Clients with HIPM enabled would see a lower score when using the PC Mark Vantage benchmark. Due to this result using PC Mark Vantage it was decided to leave 400i firmware as the default firmware for channel products.
- Will this delay my orders?
 - There was a two week delay while factory settings were changed but shipments will resume as soon as possible. There should no more than a two week delay in approved orders.
- Will my product codes change?
 - There is no generic product code change planned at this time.
- If a customer does receive a drive with 520i firmware and it has lower PC Mark Vantage scores due to HIPM being enabled, what can I they do?
 - The customer can either return the drive via RMA OR they can potentially disable HIPM.

- Can I use 520i firmware in my datacenter application?
 - HIPM is a client feature and thus we anticipate no issues in datacenter usage models.

- Is this an issue for desktop solutions?
 - Normally HIPM is not typically enabled on desktop solutions.

- Will there be another maintenance release for the Intel® SSD 520 Series?
 - There is no additional maintenance release planned.

- Can a customer request 520i firmware?
 - If a customer requests the 520i firmware, understanding its limitations, they can work with their Intel representative to implement the update.

Customer Impact of Change and Recommended Action:

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

Products Affected / Intel Ordering Codes:

Product Code	MM#	Pre Change TA	Pre Change SA	Post Change TA	Post Change SA
SSDSC2CW240A3K5	915880	G30608-303	G95057-302	G30608-304	G95057-303
SSDSC2CW480A3K5	915881	G30609-303	G95058-302	G30609-304	G95058-303
SSDSC2CW240A310	917126	G35287-302	G30600-302	G35287-303	G30600-303
SSDSC2CW480A310	917127	G35288-302	G30601-302	G35288-303	G30601-303
SSDSC2CW060A3K5	917130	G30606-302	G30598-302	G30606-303	G30598-303
SSDSC2CW120A3K5	917131	G30607-302	G30599-302	G30607-303	G30599-303
SSDSC2CW060A310	917132	G35289-302	G30598-302	G35289-303	G30598-303
SSDSC2CW120A310	917133	G35290-302	G30599-302	G35290-303	G30599-303
SSDSC2CW060A301	917695	G38230-302	G30598-302	G38230-303	G30598-303
SSDSC2CW120A301	917696	G38231-302	G30599-302	G38231-303	G30599-303
SSDSC2CW240A301	917698	G38234-302	G30600-302	G38234-303	G30600-303
SSDSC2CW480A301	917699	G38235-302	G30601-302	G38235-303	G30601-303
SSDSC2CW180A301	918393	G40540-302	G40537-302	G40540-303	G40537-303
SSDSC2CW180A310	918395	G40541-302	G40537-302	G40541-303	G40537-303
SSDSC2CW180A3K5	918397	G40539-302	G40537-302	G40539-303	G40537-303
SSDSC2BW120A3	921367	G57557-303	G57558-302	G57557-304	G57558-303
SSDSC2BW120A301	923332	G66044-303	G57558-302	G66044-304	G57558-303
SSDSC2BW180A3	923205	G70115-303	G66043-302	G70115-304	G66043-303
SSDSC2BW240A301	923206	G70116-302	G70117-302	G70116-303	G70117-303
SSDSC2BW240A3	923207	G70118-303	G70117-302	G70118-304	G70117-303
SSDSC2BW180A301	923333	G66042-303	G66043-302	G66042-304	G66043-303

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
April 8, 2013	00	Originally Published PCN
April 11, 2013	01	Change Updated Firmware Version and Add Additional SKUs
May 2, 2013	02	Remove 5 Super Micro* SKU's (Ending in FE)
May 16, 2013	03	Change Updated Firmware Version Resulting in the TA# and SA# Dash-Up
May 22, 2013	04	Add Clarifying Text Regarding 520i Maintenance Release