



Product Change Notification

#113905- 00

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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 #: 113905 - 00
Change Title: Intel® Xeon® Processors D-1540 and D-1520, PCN 113905-00, Product Design
Date of Publication: August 3, 2015

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Milestone	Date
Date of Samples Availability:	September 28, 2015
Date of Qualification Data Availability:	November 2, 2015
Date of First Availability of Post-Conversion Material:	November 2, 2015
Date Customer Must be Ready to Receive Post-Conversion Material:	November 2, 2015

The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

Description of Change to the Customer:

Intel will start transitioning from V1 to V2 stepping in for Intel® Xeon® Processors D-1520 & D-1540.

Summary of hardware & software changes from D-1540 V1 to D-1541 V2 step:

1. Frequency change from 2 GHz to 2.1 GHz
2. Max Turbo frequency change from 2.6 GHz to 2.7 Ghz
3. Memory type supported adds DDR3 at 1600 Mhz
4. DDR4 memory frequency change to 2400 Mhz
5. KR functionality added

Summary of hardware & software changes from D-1520 V1 to D-1521 V2 step:

1. Frequency change from 2.2 GHz to 2.4 GHz
2. Max Turbo frequency change from 2.6 GHz to 2.7 Ghz
3. Memory type supported adds DDR3 at 1600 Mhz
4. KR functionality added

Customer Impact of Change and Recommended Action:

Qualification samples will be provided to enable requalification and/or validation of the redefined part.

1. Intel anticipates minimal validation.
2. New S-Spec and new MM numbers are required for the V-2 stepping. See products listed in the "Products Affected/Intel Ordering Codes" table below.

Customers should be ready to receive the new material listed in the "Products Affected/Intel Ordering Codes" table below by the "Date Customer Must be Ready to Receive Post-Conversion Material" as shown above in the Key Milestones.

Please contact your Intel Field Sales Representative with any questions, requests or concerns.

Products Affected / Intel Ordering Codes:

Processor#	Frequency	Pre Conversion Product Code	Pre Conversion S-Spec	Pre Conversion MM#	Post Conversion Qualification Samples QDF#	Post Conversion Qualification Samples MM#	Post Conversion Product Code	Post Conversion S-Spec	Post Conversion MM#
D-1540	2.00 GHz	GG8067401635553	SR29A	942392	QJPW	943943	GG8067402568700	SR2DE	944000
D-1520	2.20 GHz	GG8067401741800	SR29B	942393	QJPX	943945	GG8067402568800	SR2DF	944001

PCN Revision History:

Date of Revision:

August 3, 2015

Revision Number:

00

Reason:

Originally Published PCN