



Product Change Notification

110148 - 01

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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 #: 110148 - 01
Change Title: Select Boxed Processors and Thermal Solution product families, PCN 110148-01, Transport Media, Documentation, Label, Alternate Material Packaging and Unit Serialization Programs, Reason for Revision: Modification to palletization and shipping configuration data, updated carton and label pictures
Date of Publication: September 30, 2010

Key Characteristics of the Change:

Transport Media

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Sep 22, 2010
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Description of Change to the Customer:

Revision for Revision: Modification to palletization and shipping configuration data, updated carton and label pictures.

Original PCN

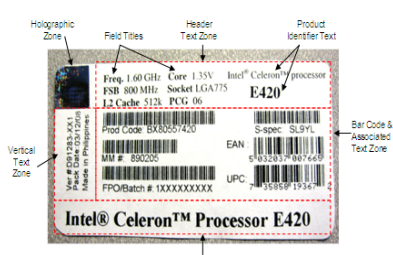
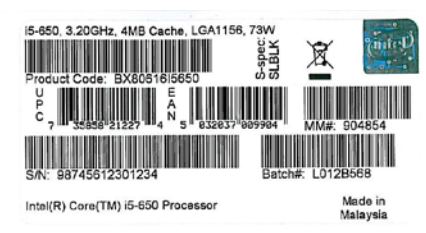
Intel is implementing the Alternate Material Packaging and Unit Serialization Program to reduce packaging size, seal label size, and waste impact to the environment by utilizing environmentally friendly materials. Environmental changes include the elimination and/or the reduction of halogens and plastics in the packaging for all boxes, as well as a reduction in the size of inside carton packaging and warranty books.

Although no change to the pallet size or style, the new package size results in full pallet shipment configuration changes. The increase in units per layer on each pallet reduces the quantity of loose cartons customers receive with a maximum expected receipt of less than 10% loose cartons on average. The Unit Serialization Program adds a unique serial number to each product label in both barcode and human-readable formats. End customers will be able to authenticate boxed CPU products via a public-facing web site using either this serial number or the ULT# marked on the CPU contained inside the box.



The new distributor box label displays the serial numbers for the enclosed boxed CPUs, in both barcode and 2D matrix format. This serialization is also used by Intel for return material authentication. The Unit Serialization Program already implemented in China remains as is; refer to PCN 109287-00. The Product label size and data has been standardized for all shipments. The holographic image has been relocated as shown in the example below. The label includes the applicable CPU serialization number for affected products. For those products not serialized, that label area will remain blank. See examples below.

Product Label Changes – images are for example only. Not shown as actual size.



The Product label size has been standardized for all geographies. The holographic image has been relocated as shown in the photo. Actual label data has been standardized. The label will include the applicable CPU serialization number for affected products. For those products not serialized, that label area will remain blank. The terms “FPO/Batch #” and “ITS/Batch #” were changed to “Batch#”.

<p>Current Product Label Generic Size: 3.875”x 2.0” (98.4mm x 50.8mm) China size: 5.0” x 2.0” (127mm x 50.8mm)</p> 	<p>New Product Label Size: 3.875” x 2.0” (98.4mm x 50.8mm)</p> 
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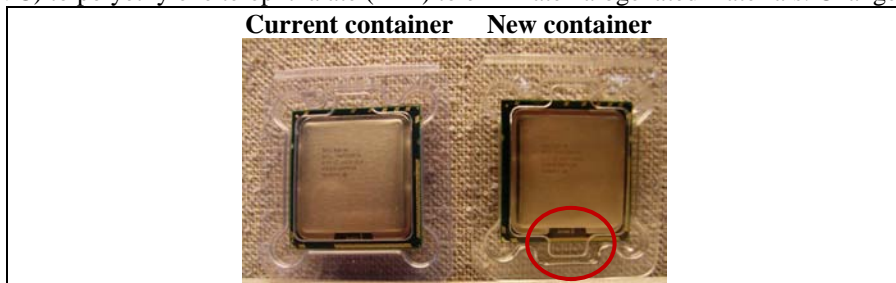
Distributor Box Label Changes - The distributor box label size remains the same for all geographies. Actual label data has been standardized. The label will include the applicable CPU serialization numbers for each of the consumer packaged units within the distributor box. A 2D Matrix code which incorporates all of the applicable serial numbers has been added. For those products not serialized, that label area will remain blank. The terms “FPO/Batch #” and “ITS/Batch #” were changed to “Batch#”.

<p>Current Disti Label Size: 4” x 3” (101.6mm x 76.2mm)</p> 	<p>New Disti Label Size: 4” x 3” (101.6mm x 76.2mm)</p> 
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Factory Seal Changes - The factory seal size has been reduced. It remains a clear label with white text.

<p>Current Factory Seal Size: 3” x 1” (76.2mm x 25.4mm)</p> 	<p>New Factory Seal Size: 1” x 1” (25.4mm x 25.4mm)</p> 
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CPU Plastic Clamshell - All CPU plastic shipping containers have been modified to allow for improved scanning of the 2D bar code on the processor. The plastic material was changed from polyvinyl chloride (PVC) to polyethylene terephthalate (PET) to eliminate halogenated materials. Change is circled.



Box Changes - All distributor box sizes were reduced to correspond with the new smaller packaging sizes. The shipping symbols on the distributor boxes were modified per the photos below.

<p>Current distributor box symbols</p> 	<p>New distributor box symbols</p> 
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Carton and Internal Packaging changes - Carton and internal packaging components have been changed as shown below. Full pallet shipment configurations have changed based on the new smaller packaging as indicated in the tables below each respective packaging change. Shipment configurations will vary based on the originating warehouse site and/or any specific customer shipping requirements. **Note:** box dimension are in height x depth x length measurements.




<p>Standard Desktop and Server LGA775/LGA1156 32% Carton Reduction</p> <p>Current carton size : 6.62 x 3.18 x 4.92 (143mm x 78mm x 125mm)</p> <p>New carton size : 4.48 x 3.18 x 4.01 (114mm x 81mm x 102mm)</p>	 <p>Current carton New carton</p>
<p>Current internal packaging</p> 	<p>New internal packaging</p> 

Standard Desktop and Server LGA775/LGA1156 shipping configuration

Consumer units/distributor box	5
Distributor box size (outside dimensions)	Inches: 16.85 x 5.00 x 4.96 mm: 428 x 127 x 126
Approx weight/distributor box*	2.15 kg*
# of Distributor boxes/pallet layer	21
# of Layers/full pallet**	9, 11 or 12**
# of Units/full pallet**	945, 1155 or 1260**
Maximum pallet height (including pallet)**	1274mm, 1526mm or 1653mm**

*Actual product weight per distributor box is dependent on actual thermal solution.

** Dependent on shipment origination.




<p>Desktop and Server LGA1366 3% Carton Reduction</p> <p>Current carton size : 7.71 x 3.74 x 6.81 (196mm x 95mm x 173mm)</p> <p>New carton size : 7.32 x 3.89 x 6.65 (186mm x 99mm x 169mm)</p>	 <p>Current carton New carton</p>
<p>Current packaging</p> 	<p>New packaging</p> 

Desktop and Server LGA1366 shipping configuration

Consumer units/distributor box	5
Distributor box size (outside dimensions)	Inches: 20.39 x 7.80 x 7.56 mm: 518 x 198 x 192
Approx weight/distributor box*	4.56 kg*
# of Distributor boxes/pallet layer	10
# of Layers/full pallet**	6, 7 or 8**
# of Units/full pallet**	300, 350 or 400**
Maximum pallet height (including pallet)**	1290mm, 1483mm or 1675mm**

*Actual product weight per distributor box is dependent on actual thermal solution.

** Dependent on shipment origination.




<p>Server Active Thermal solution 28% Carton Reduction</p> <p>Current carton size : 5.62 x 3.66 x 5.9 (143mm x 93mm x 150mm)</p> <p>New carton size : 4.92 x 3.42 x 5.19 (125mm x 87mm x 132mm)</p>	 <p>Current carton New carton</p>
<p>Current packaging</p> 	<p>New packaging</p> 

Server Active Thermal solution shipping configuration

Consumer units/distributor box	4
Distributor box size (outside dimensions)	Inches: 14.45 x 5.43 x 6.02 mm: 367 x 138 x 153
Approx weight/ distributor box*	2.59 kg*
# of Distributor boxes/pallet layer	21
# of Layers/full pallet**	7, 9 or 10**
# of Units/full pallet**	588, 756 or 840**
Maximum pallet height (including pallet)**	1210mm, 1517mm or 1670mm**

*Actual product weight per distributor box is dependent on actual thermal solution.

** Dependent on shipment origination.




<p>Server Combo Thermal solution 28% Carton Reduction</p> <p>Current carton size : 5.62 x 3.66 x 5.9 (143mm x 93mm x 150mm)</p> <p>New carton size : 4.92 x 3.62 x 5.19 (125mm x 92mm x 132mm)</p>	 <p>Current carton New carton</p>
<p>Current packaging</p> 	<p>New packaging</p> 

Server Combo Thermal solution shipping configuration

Consumer units/distributor box	4
Distributor box size (outside dimensions)	Inches: 15.24 x 5.43 x 6.02 mm: 387 x 138 x 153
Approx weight/distributor box*	3.14 kg*
# of Distributor boxes/pallet layer	21
# of Layers/full pallet**	7, 9 or 10**
# of Units/full pallet**	588, 756 or 840**
Maximum pallet height (including pallet)**	1210mm, 1517mm or 1670mm**

*Actual product weight per distributor box is dependent on actual thermal solution.

** Dependent on shipment origination.




<p>Server Passive Thermal solution 44% Carton Reduction</p> <p>Current carton size : 5.62 x 3.03 x 5.9 (143mm x 77mm x 150mm)</p> <p>New carton size : 5.51 x 2.02 x 4.68 (140mm x 56mm x 119mm)</p>	 <p>Current carton New carton</p>
<p>Current packaging</p> 	<p>New packaging</p> 

Server Passive Thermal solution shipping configuration

Consumer units/distributor box	4
Distributor box size (outside dimensions)	Inches: 9.57 x 6.02 x 5.51 mm: 243 x 153 x 140
Approx weight/ distributor box*	2.41 kg*
# of Distributor boxes/pallet layer	30
# of Layers/full pallet**	8, 10 or 11**
# of Units/full pallet**	960, 1200 or 1320**
Maximum pallet height (including pallet)**	1259mm, 1540mm or 1680mm**

*Actual product weight per distributor box is dependent on actual thermal solution.

** Dependent on shipment origination.

<p>Desktop, Mobile and Server CPU Only</p> <p>Carton size remains the same: 5.51 x 1.73 x 4.6 (140mm x 44mm x 117mm)</p> <p>Current carton - No reduction to size</p>	
<p>Current packaging</p> 	<p>New packaging</p> 

Desktop and Mobile CPU Only shipping configuration

Consumer units/distributor box	5
Distributor box size (outside dimensions)	Inches: 16.33 x 6.18 x 5.9 mm: 242 x 153 x 141
Approx weight/ distributor box*	0.7 kg*
# of Distributor boxes/pallet layer	30
# of Layers/full pallet**	8 or 10**
# of Units/full pallet**	1200 or 1500**
Maximum pallet height (including pallet)**	1267mm or 1565mm**

*Actual product weight per distributor box is dependent on actual product type.




** Dependent on shipment origination.

Server CPU Only shipping configuration

Consumer units/distributor box	4
Distributor box size (outside dimensions)	Inches: 7.83 x 6.02 x 5.62 mm: 196 x 152 x 141
Approx weight/ distributor box*	0.7 kg*
# of Distributor boxes/pallet layer	36
# of Layers/full pallet**	8 or 10**
# of Units/full pallet**	1152 or 1440**
Maximum pallet height (including pallet)**	1267mm or 1550mm**

*Actual product weight per distributor box is dependent on actual product type.

** Dependent on shipment origination.

<p>Desktop Extreme 25% Carton Reduction</p> <p>Current carton size : 7.69 x 6.18 x 7.56 (195mm x 157mm x 192mm)</p> <p>New carton size : 7.09 x 5.87 x 6.57 (180mm x 149mm x 167mm)</p>	 <p>Current carton New carton</p>
<p>Current packaging</p> 	<p>New packaging</p> 

Desktop Extreme shipping configuration

Consumer units/distributor box	5
Distributor box size (outside dimensions)	Inches: 30.11 x 7.55 x 7.44 mm: 765 x 192 x 189
Approx weight/ distributor box*	5.73 kg*
# of Distributor boxes/pallet layer	7
# of Layers/full pallet**	6**
# of Units/full pallet**	210
Maximum pallet height (including pallet)**	1272**

*Actual product weight per distributor box is dependent on actual thermal solution.

** Dependent on shipment origination.

China 3R Voucher - images are for example only. Not shown as actual size. The size of the China 3R voucher has been reduced but content/data on the Voucher remain the same.

Current China 3R voucher



STYLE: FULL PAGE is 5" Wide x 13.5" Length
FINAL FOLDED SIZE: 5" W x 4.5" L

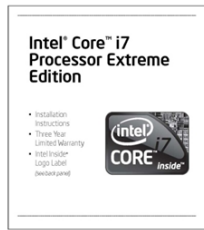
New China 3R voucher



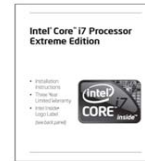
STYLE: FULL PAGE is 4-3/8" Wide x 14.5" Length
FINAL FOLDED SIZE: 4-3/8" W x 3-5/8" L (111mm x92mm)

Warranty Book Changes - Reduced book size.

Current warranty book:



New warranty book:



3-5/8" W x 4-3/8" L (92mm x 111mm)

Weight reduced from 34 grams to 27 grams

Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customer platforms designed to Intel guidelines. Customers will receive mixed product until older inventory is depleted.

Products Affected / Intel Ordering Codes:

Product Code	S-Spec	MM#
BX80557440	S L9XL	890201
BX80557430	S L9XN	890233
BX80565E7310	S LA6A	892808
BX80570E8600	S LB9L	899033
BX80570E8500	S LB9K	899034
BX80570E8400	S LB9J	899035
BXC80570E8600	S LB9L	899036
BXC80570E8500	S LB9K	899037
BXC80570E8400	S LB9J	899038
BX80569Q9550	S LB8V	899133
BX80569Q9650	S LB8W	899134
BXC80569Q9650	S LB8W	899135
BXC80569Q9550	S LB8V	899136
BX80583E7420	S LG9G	899360
BX80583E7440	S LG9J	899361
BX80582E7450	S LG9K	899362
BX80582X7460	S LG9P	899363
BXSTS100A	Not Applicable	900490
BXSTS100C	Not Applicable	900491
BXSTS100P	Not Applicable	900492
BX80602E5502	S LBEZ	901022
BX80602L5506	S LBFH	901023
BX80602W5580	S LBF2	901024
BX80602X5570	S LBF3	901025
BX80602X5560	S LBF4	901026
BX80602X5550	S LBF5	901027
BX80602E5540	S LBF6	901028
BX80602E5530	S LBF7	901029
BX80602E5520	S Lbfd	901030
BX80602E5506	S LBF8	901031
BX80602E5504	S LBF9	901032
BX80602L5520	S LBFA	901033
BX80601W3570	Not Applicable	901541
BX80601W3540	Not Applicable	901542
BX80601W3520	Not Applicable	901543
BX80569Q9550S	S LGAE	901958
BX80601950	S LBEN	902255
BXC80601950	S LBEN	902261

BXC80580Q8400	S LGT6	902937
BX80580Q8400	S LGT6	902938
BX80571E7600	S LGTD	903061
BXC80571E7600	S LGTD	903062
BX80580Q8400S	S LGT7	903232
BX80602W5590	S LBGE	903279
BX80602L5530	S LBGF	903280
BX80601W3580	S LBET	903321
BX80601W3550	S LB EY	903322
BX80605X3430	S LBLJ	903841
BX80605X3440	S LBLF	903842
BX80605X3450	S LBLD	903849
BX80605X3460	S LBJK	903850
BX80605X3470	S LBJH	903851
BXC80605I7870	S LBJG	903867
BXC80605I7860	S LBJJ	903868
BXC80605I5750	S LBLC	903869
BX80605I7870	S LBJG	903875
BX80605I7860	S LBJJ	903876
BX80605I5750	S LBLC	903877
BXC80580Q8300	S LGUR	903880
BX80580Q8300	S LGUR	903883
BX80607I7720QM	S LBLY	903938
BX80571E5400	S LGTK	903981
BX80571E7400	S LGW3	903983
BX80571E7500	S LGTE	903984
BXC80571E5400	S LGTK	903986
BXC80571E7400	S LGW3	903988
BXC80571E7500	S LGTE	903989
BX80571E3200	S LGU5	904039
BX80571E3300	S LGU4	904040
BXC80571E3300	S LGU4	904102
BXC80580Q9505	S LGYY	904173
BX80580Q9505	S LGYY	904174
BX80605L3426	S LBN3	904689
BX80601W3565	S LBEV	904693
BX80616G6950	S LBMS	904851
BX80616I3530	S LBLR	904852
BX80616I3540	S LBMQ	904853
BX80616I5650	S LBLK	904854
BX80616I5660	S LBLV	904855
BX80616I5670	S LBLT	904856
BXC80616G6950	S LBMS	904857
BXC80616I3530	S LBLR	904858
BXC80616I3540	S LBMQ	904859
BXC80616I5650	S LBLK	904860
BXC80616I5660	S LBLV	904861
BXC80616I5670	S LBLT	904862
BX80616I5661	S LBNE	904942
BXC80616I5661	S LBNE	904943
BXC80571E3400	S LGTZ	905041
BXC80571E6600	S LGUG	905044
BX80571E3400	S LGTZ	905045
BX80571E6600	S LGUG	905046
BX80617I5520M	S LBNB	905171

BX80605I7860S	S LBLG	905197
BX80605I5750S	S LBLH	905198
BX80617I5540M	S LBPG	905206
BX80604E7520	S LBRK	905234
BX80604E7540	S LBRG	905235
BX80604X7550	S LBRE	905236
BX80604X7560	S LBRD	905237
BX80601930	S LBKP	905476
BX80601960	S LBEU	905477
BXC80601960	S LBEU	905478
BXC80601930	S LBKP	905479
BX80616L3406	S LBQQ	905773
BX80601W3530	S LBKR	906904
BX80602E5503	S LBKD	907369
BX80602E5507	S LBKC	907370
BXC80571E6500	S LGUH	907395
BX80613I7980X	S LBUZ	907397
BX80613W3670	S LBVE	907398
BX80613W3680	S LBV2	907399
BX80614E5630	S LBVB	907459
BX80614E5640	S LBVC	907460
BX80614E5620	S LBV4	907461
BX80614L5640	S LBV8	907462
BX80614X5650	S LBV3	907463
BX80614X5660	S LBV6	907464
BX80614L5630	S LBVD	907465
BX80614X5670	S LBV7	907466
BX80614X5680	S LBV5	907467
BX80571E5500	S LGTJ	907806
BXC80571E5500	S LGTJ	907815
BXXTS100H	Not Applicable	907824
BX80605I7875K	S LBS2	907829
BX80605X3480	S LBPT	907883
BX80571E6700	S LGUF	907961
BXC80571E6700	S LGUF	907985
BX80605I7870S	S LBQ7	907990
BX80616I5655K	S LBXL	908019
BX80616I3550	S LBUD	908035
BX80616I5680	S LBTM	908036
BXC80616I3550	S LBUD	908038
BXC80616I5680	S LBTM	908108
BX80607I7740QM	S LBQG	908124
BX80607I7840QM	S LBMP	908125
BX80613I7970	S LBVF	908321
BX80616G6951	S LBTF	908493
BX80616G6950	S LBTG	908507
BX80616I3530	S LBX7	908510
BX80616I3540	S LBDT	908511
BX80616I5650	S LBTJ	908512
BX80616I5660	S LBTK	908513
BX80616I5661	S LBTB	908514
BX80616L3406	S LBT8	908516
BXC80616G6950	S LBTG	908517
BXC80616I3530	S LBX7	908518
BXC80616I3540	S LBDT	908519

BXC80616I5650	S LBTJ	908520
BXC80616I5660	S LBTK	908521
BXC80616I5661	S LBTB	908523
BX80617I5540M	S LBTV	908567
BX80617I5520M	S LBU3	908568
BX80605I5760	S LBRP	908720
BXC80605I5760	S LBRP	908721
BX80616I3560	S LBY2	908873
BXC80616I3560	S LBY2	908874
BX80571E5700	S LGTH	908875
BX80571E6800	S LGUE	908876
BX80617I5560M	S LBTS	908922
BXC80571E5700	S LGTH	908923
BXC80571E6800	S LGUE	908924
BX80571E3500	S LGTY	908956
BXC80571E3500	S LGTY	909000
BX80617I5580M	S LC28	909071

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
August 19, 2010	00	Originally published PCN
September 30, 2010	01	Modification to palletization and shipping configuration data, updated carton and label pictures