



Product Change Notification

109551 - 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 #: 109551 - 01
Change Title: Land Grid Array (LGA) Microprocessor, FC-LGA8 and FC-LGA10, PCN 109551-01, Product Material, Cover Removal (For Desktop and Server), Reason for Revision: Adding Server to Product Category for Customer Clarification
Date of Publication: September 14, 2009

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Sept 28, 2009
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Description of Change to the Customer:

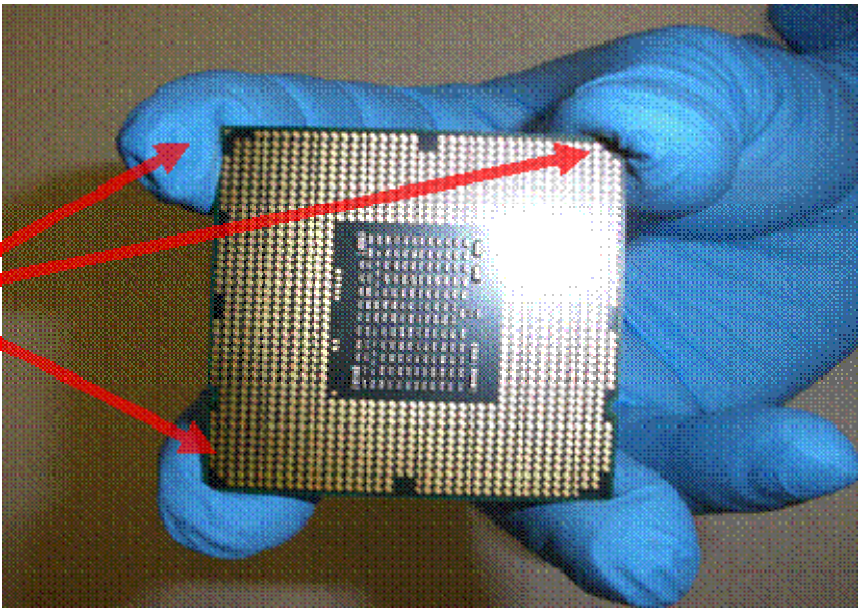
Reason for Revision: Adding Server to Product Category for Customer Clarification

In an effort to reduce an impact to the environment and minimize the handling of the microprocessor, Intel is eliminating the land side cover from all FC-LGA8 and FC-LGA10 microprocessors (45mm x 42.5mm substrate size). This includes all future FC-LGA8 and FC-LGA10 microprocessors. Shipments may contain a mixture of products including those with covers and those that are coverless. See processor and LGA cover photos below.

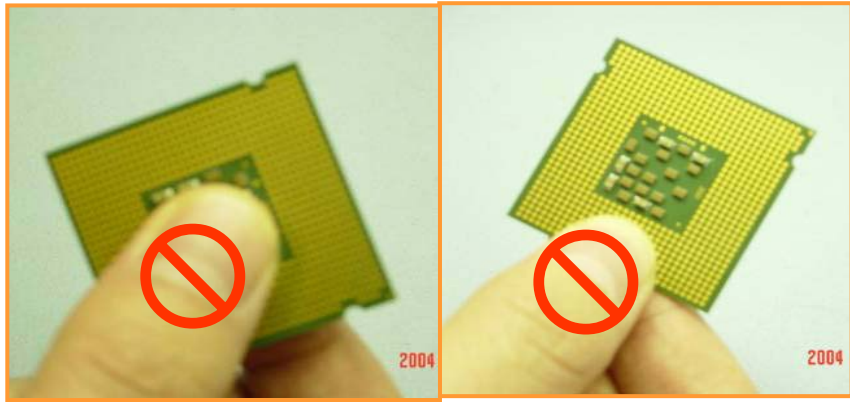
Handling Precautions without LGA Covers

For coverless product handling, follow the same handling guidelines used after the cover has been removed. All chip handling procedures should be adhered to.

**Hold at
Corners**

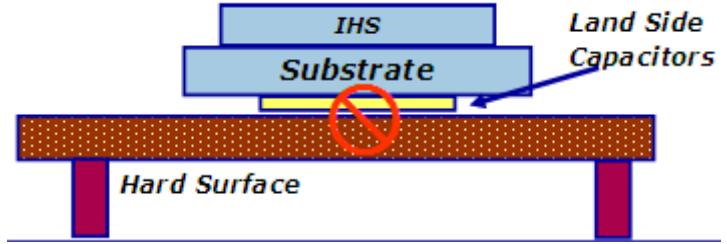


Do not touch land side capacitors or gold land pads.

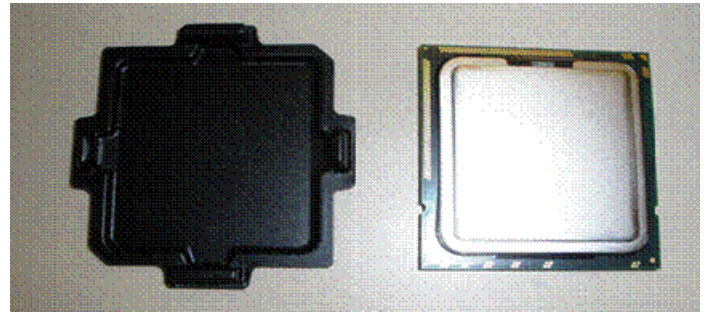
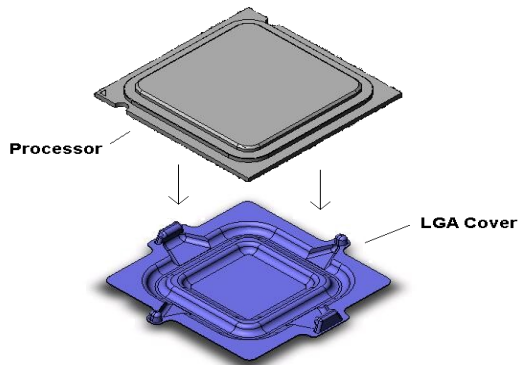


Avoid placing the microprocessor on a hard surface with land side capacitors down.

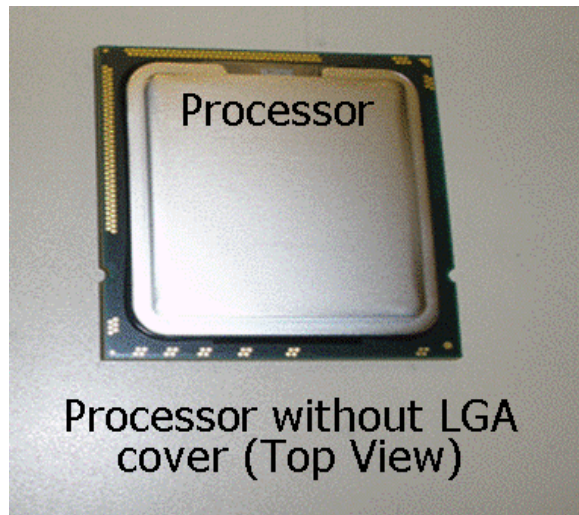
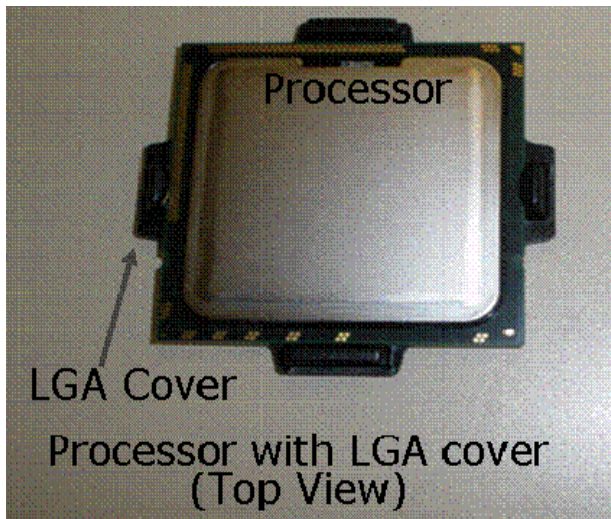
Leave in shipping tray when not in use.



Note: Intel highly recommends scrapping any units that have been dropped or mishandled.



LGA Cover Processor



Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customers. Intel recommends the following actions: notify your receiving department of the change; use the Handling Precautions without LGA Covers guidelines for the handling procedure detailed in this PCN. Customers may continue to receive microprocessors with covers until existing inventory is depleted.

Products Affected / Intel Ordering Codes:

Tray						
Marketing Name	Processor #	Frequency	Product Code	S-Spec	MM#	Stepping
Intel® Core™ i7-965 Processor Extreme Edition	i7-965	3.20 GHz	AT80601000918AA	S LBCJ	900042	C-0
Intel® Core™ i7-940 Processor	i7-940	2.93 GHz	AT80601000921AA	S LBCK	900053	C-0
Intel® Core™ i7-920 Processor	i7-920	2.66 GHz	AT80601000741AA	S LBCH	900054	C-0
Intel® Xeon® Processor E5502	E5502	1.86 GHz	AT80602000804AA	S LBEZ	900400	D-0
Intel® Core™ i7-975 Processor Extreme Edition	i7-975	3.33 GHz	AT80601002274AA	S LBEQ	900813	D-0
Intel® Core™ i7-950 Processor	i7-950	3.06 GHz	AT80601002112AA	S LBEN	900815	D-0
Intel® Core™ i7-940 Processor	i7-940	2.93 GHz	AT80601000921AA	S LBEL	900816	D-0
Intel® Core™ i7-920 Processor	i7-920	2.66 GHz	AT80601000741AA	S LBEJ	900817	D-0
Intel® Xeon® Processor L5506	L5506	2.13 GHz	AT80602002712AA	S LBFH	900833	D-0
Intel® Xeon® Processor W5580	W5580	3.20 GHz	AT80602000756AD	S LBF2	900834	D-0
Intel® Xeon® Processor X5570	X5570	2.93 GHz	AT80602000765AA	S LBF3	900835	D-0
Intel® Xeon® Processor X5560	X5560	2.80 GHz	AT80602000768AA	S LBF4	900836	D-0
Intel® Xeon® Processor X5550	X5550	2.66 GHz	AT80602000771AA	S LBF5	900837	D-0
Intel® Xeon® Processor E5540	E5540	2.53 GHz	AT80602000789AA	S LBF6	900838	D-0
Intel® Xeon® Processor E5530	E5530	2.40 GHz	AT80602000792AA	S LBF7	900839	D-0
Intel® Xeon® Processor E5520	E5520	2.26 GHz	AT80602002091AA	S Lbfd	900840	D-0
Intel® Xeon® Processor E5506	E5506	2.13 GHz	AT80602000798AA	S LBF8	900841	D-0
Intel® Xeon® Processor E5504	E5504	2.00 GHz	AT80602000801AA	S LBF9	900842	D-0
Intel® Xeon® Processor L5520	L5520	2.26 GHz	AT80602000810AA	S LBFa	900843	D-0
Intel® Core™ i7-960 Processor	i7-960	3.20 GHz	AT80601002727AA	S LBEU	900855	D-0
Intel® Xeon® Processor W3580	W3580	3.33 GHz	AT80601002274AB	S LBET	900856	D-0
Intel® Xeon® Processor W3570	W3570	3.20 GHz	AT80601000918AB	S LBES	900857	D-0
Intel® Xeon® Processor W3550	W3550	3.06 GHz	AT80601002112AB	S LBEY	900859	D-0
Intel® Xeon® Processor W3540	W3540	2.93 GHz	AT80601000921AB	S LBEX	900860	D-0
Intel® Xeon® Processor W3520	W3520	2.66 GHz	AT80601000741AB	S LBEW	900861	D-0
Intel® Xeon® Processor W3503	W3503	2.40 GHz	AT80601002868AA	S LBGD	901495	D-0
Intel® Xeon® Processor W5590	W5590	3.33 GHz	AT80602000753AA	S LBGE	901503	D-0
Intel® Xeon® Processor L5530	L5530	2.40 GHz	AT80602002937AB	S LBGf	901504	D-0
Intel® Xeon® Processor L5518	L5518	2.13 GHz	AT80602002265AB	S LBFw	901505	D-0
Intel® Xeon® Processor L5508	L5508	2.00 GHz	AT80602002697AC	S LBGK	901549	D-0
Intel® Core™ i7-930 Processor	i7-930	2.80 GHz	AT80601000897AA	S LBKP	902494	D-0
Intel® Xeon® Processor W3530	W3530	2.80 GHz	AT80601000897AB	S LBKR	902495	D-0

Boxed						
Marketing Name	Processor #	Frequency	Product Code	S-Spec	MM#	Stepping
Boxed Intel® Core™ i7-965 Processor Extreme Edition	i7-965	3.20 GHz	BX80601965	S LBCJ	900250	C-0
Boxed Intel® Core™ i7-940 Processor	i7-940	2.93 GHz	BX80601940	S LBCK	900251	C-0
Boxed Intel® Core™ i7-920 Processor	i7-920	2.66 GHz	BX80601920	S LBCH	900252	C-0
Boxed Intel® Core™ i7-940 Processor	i7-940	2.93 GHz	BXC80601940	S LBCK	900254	C-0
Boxed Intel® Core™ i7-920 Processor	i7-920	2.66 GHz	BXC80601920	S LBCH	900256	C-0
Boxed Intel® Xeon® Processor E5502	E5502	1.86 GHz	BX80602E5502	S LBEZ	901022	D-0
Boxed Intel® Xeon® Processor L5506	L5506	2.13 GHz	BX80602L5506	S LBFH	901023	D-0
Boxed Intel® Xeon® Processor W5580	W5580	3.20 GHz	BX80602W5580	S LBF2	901024	D-0
Boxed Intel® Xeon® Processor X5570	X5570	2.93 GHz	BX80602X5570	S LBF3	901025	D-0
Boxed Intel® Xeon® Processor X5560	X5560	2.80 GHz	BX80602X5560	S LBF4	901026	D-0
Boxed Intel® Xeon® Processor X5550	X5550	2.66 GHz	BX80602X5550	S LBF5	901027	D-0
Boxed Intel® Xeon® Processor E5540	E5540	2.53 GHz	BX80602E5540	S LBF6	901028	D-0
Boxed Intel® Xeon® Processor E5530	E5530	2.40 GHz	BX80602E5530	S LBF7	901029	D-0
Boxed Intel® Xeon® Processor E5520	E5520	2.26 GHz	BX80602E5520	S Lbfd	901030	D-0
Boxed Intel® Xeon® Processor E5506	E5506	2.13 GHz	BX80602E5506	S LBF8	901031	D-0
Boxed Intel® Xeon® Processor E5504	E5504	2.00 GHz	BX80602E5504	S LBF9	901032	D-0
Boxed Intel® Xeon® Processor L5520	L5520	2.26 GHz	BX80602L5520	S LBFA	901033	D-0
Boxed Intel® Xeon® Processor W3570	W3570	3.20 GHz	BX80601W3570	S LBES	901541	D-0
Boxed Intel® Xeon® Processor W3540	W3540	2.93 GHz	BX80601W3540	S LBEX	901542	D-0
Boxed Intel® Xeon® Processor W3520	W3520	2.66 GHz	BX80601W3520	S LBEW	901543	D-0
Boxed Intel® Core™ i7-950 Processor	i7-950	3.06 GHz	BX80601950	S LBEN	902255	D-0
Boxed Intel® Core™ i7-975 Processor Extreme Edition	i7-975	3.33 GHz	BX80601975	S LBEQ	902257	D-0
Boxed Intel® Core™ i7-920 Processor	i7-920	2.66 GHz	BX80601920	S LBEJ	902258	D-0
Boxed Intel® Core™ i7-950 Processor	i7-950	3.06 GHz	BXC80601950	S LBEN	902261	D-0
Boxed Intel® Core™ i7-920 Processor	i7-920	2.66 GHz	BXC80601920	S LBEJ	902263	D-0
Boxed Intel® Xeon® Processor W5590	W5590	3.33 GHz	BX80602W5590	S LBGE	903279	D-0
Boxed Intel® Xeon® Processor L5530	L5530	2.40 GHz	BX80602L5530	S LBGf	903280	D-0
Boxed Intel® Xeon® Processor W3580	W3580	3.33 GHz	BX80601W3580	S LBET	903321	D-0
Boxed Intel® Xeon® Processor W3550	W3550	3.06 GHz	BX80601W3550	S LBEY	903322	D-0

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

August 28, 2009

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Originally Published PCN

September 14, 2009

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Adding Server to Product Category for Customer Clarification