



Product Change Notification

109383 - 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 #: 109383 - 00
Change Title: NetEffect™ Ethernet Server Cluster Adapter,
E10G81GFSR MM#901794
(Argus SFP+ SR)
and E10G81GP MM#901795
(Argus SFP+ Direct Attach)

PCN 109383-00

Product Material, Product Marking, Label

**Update Phy Chip from Revision C to D,
Label/Flyer updates and adding regulatory
silk screen markings to the printed board**

Date of Publication: November 5, 2009

Key Characteristics of the Change:

Product Material
Product Marking
Label

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	November 5, 2009
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Description of Change to the Customer:

The NetEffect™ Ethernet Server Cluster Adapter, E10G81GFSR MM#901794 (Argus SFP+ SR) and E10G81GP MM#901795 (Argus SFP+ Direct Attach) will undergo the following changes:

Phy Revision C to Revision D change:

Due to our supplier End of Life of the Rev C phy chip, Intel will move to the Rev D version. Rev C and Rev D phy chips are Form, Fit and Function equivalent. The Rev D phy chip is released for high volume production, and it resolves certain Rev C phy limitations that previously required additional testing to ensure the same production quality for use on the products listed within this PCN notification.

Rev C is not forward compatible to Rev D and Rev D is backward compatible to Rev C.

Customers that have Rev D phy chip adapters will need to update the drivers to OpenFabrics Enterprise Distribution (OFED) version 1.4.1 or greater. Customers can download the new OFED drivers from the OpenFabrics website <http://www.openfabrics.org>, or they can download the latest drivers for Linux and Windows from Intel <http://www.intel.com/Products/Server/Adapters/Server-Cluster/Server-Cluster-overview.htm> use the Tools & Software tab.

The FCC Class A User flyer insert was updated to include the new Intel URL to locate the Quick Install Guide, Software and Regulatory Statements:

FCC Class A User Information - Regulatory Models "Argus and Dover"

These devices comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. These devices may not cause harmful interference.
2. These devices must accept any interference received, including interference that may cause undesired operation.



Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



CAUTION: If the devices are changed or modified without permission from Intel, the user may void his or her authority to operate the equipment.

For Quick Install Guide, Software and Regulatory Statements go to:

<http://www.intel.com/support/go/network/adapter/ne020.htm>



E62410-002

Intel will insert a Peoples Republic of China (PRC) Materials Declaration Flyer into the Networking Adapter product boxes:

The PRC Materials Declaration Flyer contains a table, which informs the Chinese consumers that only lead (Pb) is found in the product at levels that exceed 1000 ppm at the homogeneous level. **Customers can locate an example of the Materials Declaration Flyer from the Intel support site located here,**

<http://www.intel.com/support/motherboards/server/sb/CS-025468.htm>

Intel will add a PRC Environmental Friendly Use Period (EFUP) marking on the Network Adapters, due to the PRC RoHS Regulatory requirements:

- PRC requires this EFUP label for control of Pollution caused by Electronic Information Products.
- This EFUP will be silk screened on the adapter, the EFUP marking could be placed in a slightly different location, either on the front or the back of the PB (printed board) based upon space constraints. This label will include a 20 year use period number.

PRC EFUP 20 year



Intel will add a Recycle Label to all of the Networking Adapter cardboard boxes:

Placement of this recycle label will vary based upon space constraints.
Recycle Label shown in the picture below.

Recycle Label
size 45.00mm x 45.00mm, black ink



We are pleased to announce that the NetEffect Adapters have now been regulatory certified. Intel will add these new silk screen regulatory markings to the printed board (PB). These silk screened markings could be placed in a slightly different location, either on the front or the back of the PB (printed board) based upon space constraints:



Regulatory CE/C-Tick



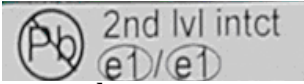
Regulatory BSMI/China Rohs



Regulatory KCC



UL



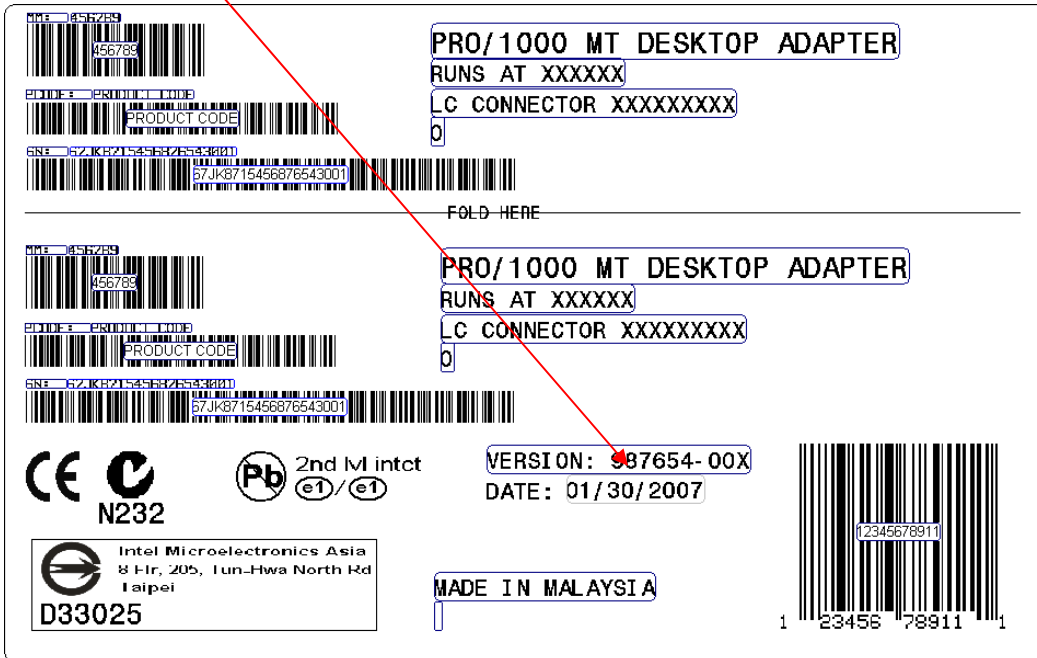
PB 2nd level interconnect

Also VCCI – A and FCC CLASS A

Intel has also added a new PBA (Printed Board Assembly) label to the back of the PB as noted in the picture below. The new PBA number is reflected within the affected products table within this PCN notice.



As a result of this change, the TA (top assembly) number will roll as noted in the affected products table within this PCN notification. The TA number is located on the outer box label as noted in the picture below. *Picture of outer box label example only.*



Customer Impact of Change and Recommended Action:

A full electronic First Article Inspection (FAI) was performed by Intel.

Products Affected / Intel Ordering Codes:

Product Name	Product Code	MM#	Old TA#	New TA#	New PBA# (label)
NetEffect Ethernet Server Cluster Adapter (Argus SFP+ SR)	E10G81GFSR	901794	E64775-001	E64775-003	E62528-003
NetEffect Ethernet Server Cluster Adapter (Argus SFP+ Direct Attach)	E10G81GP	901795	E61827-001	E61827-003	E62402-003

Reference Documents / Attachments:

Document:

Location #:

NetEffect product support page

<http://www.intel.com/Products/Server/Adapters/Server-Cluster/Server-Cluster-overview.htm>

Open Fabrics

<http://www.openfabrics.org/>

Enterprise

Distribution (OFED)

Linux drivers

Example of

<http://www.intel.com/support/motherboards/server/sb/CS-025468.htm>

Materials

Declaration Flyer

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

November 5, 2009

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Originally Published PCN