



# Product Change Notification

## 110181 - 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

<b>Change Notification #:</b>	<b>110181 - 00</b>
<b>Change Title:</b>	<b>Intel Ethernet Server Adapters I340-T4, E1G44HT MM#904198, E1G44HTBLK MM#904223, E1G44HTG1P20 MM#904267 (Bartonville QT Retail/OEM generic)</b>  <b>PCN 110181-00</b>  <b>Product Design, Label, Product Material</b>  <b>Remove 16 Capacitors, Change Heat Sink from Aluminum to Plastic and Add European Union WEEE (Waste Electrical and Electronic Equipment Directive) Regulatory Label</b>
<b>Date of Publication:</b>	<b>Sept 3, 2010</b>

## Key Characteristics of the Change:

Product Design

Label

Product Material

## Forecasted Key Milestones:

**Date Customer Must be Ready to Receive Post-Conversion Material:** Oct 01, 2010

## Description of Change to the Customer:

The Intel Ethernet Server Adapters I340-T4, E1G44HT MM#904198, E1G44HTBLK MM#904223, E1G44HTG1P20 MM#904267 (Bartonville QT Retail/OEM generic) will undergo the following changes:

### Remove 16 Capacitors:

Intel has removed 16 capacitors to further improve EMI (Electromagnetic Interference) margins. The Intel Ethernet Server Adapter I340-T4 product family passes all regulatory requirements, and this change further improves margins.

### Change Heat Sink from Aluminum to Plastic:

When the I340-T4 adapters were launched the new thermally conductive plastic heat sink was not available. The new heat sink has been fully tested and qualified by Intel. Please see pictures below showing the visual difference of the old/new heat sink.

### Old heat sink aluminum



### New heat sink plastic



### Add WEEE label:

Intel manufactures a wide range of products, from microprocessors, through embedded controllers, to systems, and is committed to complying with applicable legal requirements. We continually monitor changes in those requirements.

It is important to note that the EU WEEE Directive requires "producers" of certain electrical and electronic equipment to develop recycling programs to allow the end user to return WEEE for recycling. The definition of "producer" is broad and can potentially include various entities in a products life cycle (e.g. manufacturer, distributor, reseller). Each EU Member State has implemented national legislation detailing specific requirements for WEEE implementation in that Member State. Some other non-EU countries have laws similar to the WEEE Directive; however, the scope and producer responsibility requirements vary from those of the WEEE Directive.

Most of Intel's semiconductor components are generally not considered within the scope of the WEEE Directive; however, the scope of the Directive can vary between Member States. In order to address potential scope and registration issues in a minority of Member States, certain components may be labeled with the wheelie bin symbol. Intel considers its chassis-level server products to be within the scope of the WEEE Directive, although the final assembly and/or configuration of these systems are commonly completed by commercial customers.

If you have any questions concerning this WEEE directive, please send an email to [weee@intel.com](mailto:weee@intel.com).

The WEEE label will be placed on either the back or the front of the printed board (PB) depending on how much free space is available on the front or the back of the PB, see sample label picture below.

### WEEE label picture (example only)



The Top Assembly (TA) and Printed Boards Assembly (PBA) numbers will also roll, as noted in the affected products table within this PCN notification. If the PBA/TA numbers are printed on any product or box labels, those will show the PBA/TA dash roll as well.

### **Customer Impact of Change and Recommended Action:**

Customers can expect to receive mixed inventory until current inventory levels have been depleted.

Please contact your local Intel Field Sales Representative if you have any further questions about this change.

### **Products Affected / Intel Ordering Codes:**

<b>Product Name</b>	<b>Product Code</b>	<b>MM#</b>	<b>Old TA#</b>	<b>New TA#</b>	<b>Old PBA#</b>	<b>New PBA#</b>
Intel Ethernet Server Adapter (Bartonville QT Retail single)	E1G44HT	904198	E76877-001	E76877-002	E84075-001	E84075-002
Intel Ethernet Server Adapter (Bartonville QT Retail blk 5-pak)	E1G44HTBLK	904223	E80225-001	E80225-002	E84075-001	E84075-002
Intel Ethernet Server Adapter (Bartonville QT OEM generic)	E1G44HTG1P20	904267	E80231-003	E80231-004	E68891-013	E68891-014

### **PCN Revision History:**

**Date of Revision:**

Sept 3, 2010

**Revision Number:**

00

**Reason:**

Originally Published PCN