



# Product Change Notification

## 109600 - 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 #:** 109600 - 00  
**Change Title:** Intel Gigabit VT Quad Port Server Adapter,  
EXPI9404VTG1P20 MM#889704  
(Springport OEM generic)

**PCN 109600-00**

**Product Discontinuance**

**End of Life**

**Date of Publication:** October 12, 2009

## Key Characteristics of the Change:

Product Discontinuance

## Forecasted Key Milestones:

<b>Last Product Discontinuance Order Date:</b>	Jan 12, 2010
<b>Last Product Discontinuance Shipment Date:</b>	Apr 12, 2010

## Description of Change to the Customer:

The Intel Gigabit VT Quad Port Server Adapter, EXPI9404VTG1P20 MM#889704 (Springport OEM generic) will End of Life.

## Customer Impact of Change and Recommended Action:

The recommended replacement product is the Intel Gigabit ET Quad Port Server Adapter, E1G44ETG1P20 MM#897978 code named Portville QT OEM generic.

Announcing the new Intel® Gigabit ET Quad Port Server Adapter!

Intel is pleased to announce the availability of the new Intel® Gigabit ET Quad Port Server Adapter, designed for multi-core processors and optimized for virtualization. Based on the Intel® 82576 Gigabit Ethernet controller, this next-generation adapter features end-to-end wired security and 10/100/1000 Mbps self-configuration for compatibility with mixed-speed networks.

Volume shipments available after April 20, 2009.

The Intel® Gigabit ET Quad Port Server Adapter enables four Gigabit Ethernet connections on a single adapter, delivering increased bandwidth for slot-constrained servers, and provides high performance and reliability with low power usage. This multi-port adapter has been

designed for virtualization environments, where typical requirements call for a minimum of 6-8 ports to handle the system management port, heart beat, VM console, and provide failover protection in addition to providing ports for data.

When implemented within multi-core processor environments, the Intel® Gigabit ET Quad Port Server Adapter offers advanced networking features for efficient distribution of Ethernet workloads across CPU cores, thereby improving application response times.

Optimized for virtualization, this adapter supports multiple queues, thereby alleviating bottlenecks between virtual machines. This new-generation PCIe Intel® Gigabit adapter provides improved performance utilizing next-generation VMDq technology - which includes features such as loop back functionality for inter-VM communication, priority-weighted bandwidth management, and doubling the number of data queues per port from 4 to 8 per physical port.

The Intel® Gigabit ET Quad Port Server Adapter is Intel's newest adapter to provide authentication and encryption for LinkSec and IPsec offload. LinkSec is already designed into the network adapter hardware and is prepared to provide this functionality when the ecosystem supports this new technology. IPsec provides data protection between the end-point devices of a network communication session. This adapter has the capability of offloading the encryption engine of IPsec onto the silicon thereby providing line rate throughput.

Product information can be found here, <http://www.intel.com/products/server/adapters/gb-ET-Quad-Port/gb-ET-Quad-Port-overview.htm>

Please contact your local Intel Field Sales Rep if you have any further questions regarding this End of Life Notice.

### Products Affected / Intel Ordering Codes:

Product Name	Product Code	MM#	Replacement Product Name	Replacement Product Code	Replacement MM#
Intel Gigabit VT Quad Port Server Adapter (Springport OEM generic)	EXPI9404VTG1P20	889704	Intel Gigabit ET Quad Port Server Adapter Portville QT OEM generic	E1G44ETG1P20	897978

### Reference Documents / Attachments:

Document: \_\_\_\_\_ Location #: \_\_\_\_\_

### PCN Revision History:

<b>Date of Revision:</b> October 12, 2009	<b>Revision Number:</b> 00	<b>Reason:</b> Originally Published PCN
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