TECHNICAL BULLETIN 00003

Subject: A2210 / A8440 BIOS Update
Author: Sharon Yen
Location: Celestica - Salem NH
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Effective immediately on June 16, 2004, this technical bulletin supersedes the previously published "Technical Bulletin 00002" dated on April 15, 2004. Celestica has released the following BIOS updates in support of AMD Opteron™ Revision CG CPU family in addition to the previously supported CPU modules:
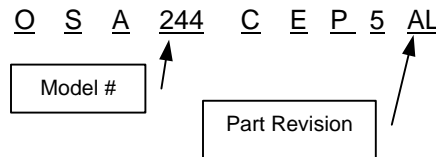
- **Rev-D1**: A8440 4U/4P server
- **Rev-K**: A2210 1U/2P server

Celestica servers with previous BIOS versions installed will not operate correctly with Revision CG Opteron CPUs; these systems must be updated to the most recent BIOS release per this bulletin. A bootable image of the updated Celestica BIOS, along with release notes and installation instructions, may be downloaded from the Celestica website at:
http://portal.atcelestica.com/public/global/suppchman/alpha/alphadw.nsf.

Checking the last two letters of the part number can identify Opteron CPU module revision levels. The letters map to revision levels per the table below:

AMD Opteron™ Part Number Breakdown

O   S   A   244   C   E   P   5   AL

Model #

Part Revision

OPN Code	Package	Processor	Revision
AL	940	Opteron **200** Series	C0
AU	940	Opteron **200** Series	CG
AM	940	Opteron **800** Series	C0
AV	940	Opteron **800** Series	CG

NOTE:
All CPUs in a given system must be of the same speed but mixed revisions of CG and CO are supported with this release of BIOS.

These BIOS updates have been fully tested and certified by Celestica and are supported by Celestica for the A2210 and A8440.   Other BIOS revisions obtained from other sources or sites are not certified by Celestica and are not supported or eligible for warranty.