

# intel® Technical Advisory

TA-176

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## **L440GX+ Diagnostics rev. 1.0 and IntelPCDiags rev 4.03s or 4.04s may lock up while running RTC accuracy test on some L440GX+ server boards**

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### **Products Affected**

Some L440GX+ server boards

### **Description**

While running the RTC (Real Time Clock) Accuracy Test on the L440GX+ server board, the test hangs, requiring a system re-boot. This test failure is not seen on all boards.

### **Root Cause**

The RTC test module, used in both the L440GX+ Diagnostic test suite rev 1.0 and IntelPCDiags rev 4.03s and 4.04s, was found to have a problem which, under some circumstances, enabled and generated unexpected SMIs which the L440GX+ BIOS was not designed to support.

### **Corrective Action / Resolution**

Intel has created a new RTC accuracy test module that fixes this condition. The new RTC accuracy test module has been incorporated into both the L440GX+ Diagnostics ver 1.01 and L440GX+ IntelPCDiags ver 1.0.

### **Workarounds**

If this failure is encountered, there are no workarounds available. You must replace the Diagnostics Test suite with either of those listed above.

Please contact your Intel Sales Representative if you require more specific information about this issue.

Entry/Mid-range Server Division  
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