## Computer Memory Test Labs Final Report

### Table: Motherboard Information

<table>
<thead>
<tr>
<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
<th>TEST STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DQ57TM</td>
<td>Intel</td>
<td>Intel® Q57</td>
<td>017700</td>
<td>PASSED</td>
</tr>
</tbody>
</table>

### Module Information

<table>
<thead>
<tr>
<th>Manufacturer Name</th>
<th>Module ID</th>
<th>Compatibility Ranking Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dataram</td>
<td>DAT587</td>
<td>Certified CRL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part #</th>
<th>MB:</th>
<th>DRAM:</th>
<th>DRAM Part #</th>
<th>PCB Part:</th>
<th>PCB_layer_count</th>
<th>Module Info:</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTM64304C</td>
<td>2GB</td>
<td>Hynix</td>
<td>H5TC1G83TFR-H9A</td>
<td>40085A rev B</td>
<td>6 Layer</td>
<td>Unbuffered Non-ECC 1333MHz DDR3 DIMM</td>
</tr>
</tbody>
</table>

### System Information

#### Minimum System Information

- Minimum System: DQ57TM
- Serial Number: BTM94500090
- Board Revision: E70931-301
- Post Memory Count: 4096MB
- Processor Code: Inter® Xeon® X3470, @ 2.93GHz, 4.8GT
- Bios at time of test: TMIBX10H.86A.0025
- MCFT Memory Count: 4G 512M
- Max_HDD_Man: N/A
- Max_HDD_Cap: N/A
- Max_HDD_Ser: N/A

55°C Temperature: Standard Voltage

#### Maximum System Information

- Maximum System: DQ57TM
- Serial Number: BTM94500091
- Board Revision: E70931-301
- Post Memory Count: 8192MB
- Processor Code: Inter® Xeon® X3470, @ 2.93GHz, 4.8GT
- Bios at time of test: TMIBX10H.86A.0025
- MCFT Memory Count: 8G 512M
- Max_HDD_Man: N/A
- Max_HDD_Cap: N/A
- Max_HDD_Ser: N/A

#### Testing Details

- OS: N/A
- Service Pack: N/A
- Test Version: RST Pro3 v3.02
- Power Cycle Test: N/A
- Power Cycle Time: N/A
- S3 Test: Pass
- MCFT Min: Pass
- MCFT Max: Pass
- SPD Check: Pass
- Start Date: 9/28/2010
- Stop Date: 9/29/2010
- Insertion Test: Pass
- Voltage Margination: Only applicable to those systems that are applicable.

### Vendor Contact Information

- Contact: Lyuda Kushleyeva
- Contact Phone: (609) 799-0071 x 34
- Purchase Order #: Advanced
- Test Technician: Thanh Nguyen
- Test Traveler Notes: Min configuration Test Time 24hr, 12 Loops/11 Pass, 0 Error
- Max configuration Test Time 24hr, 6 Loops/5 Pass, 0 Error

In the event of a module failure, CMTL is not required to provide root cause analysis. Accuracy of testing is restricted to the above mentioned module with specific DRAM, PCB and other components as listed and tested with the CMTL Memory Compatibility Functionality Test, Microsoft Advanced Server 2000®, Windows NT 4.0 Enterprise Edition®, Windows XP®, Windows 98 SE®, Dos 6.22®, MSTRESS® (v x.xx), XLINER® (v x.xx), Patin® (v x.x), WinMTA® (v x.xx). (Voltage margination applied only to those systems that are applicable.)

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