## Computer Memory Test Labs Final Report

### MOTHERBOARD | MANUFACTURER | CHIPSET | TEST NUMBER | TEST STATUS
---|---|---|---|---
DQ57TM | Intel | Intel® Q57 | 017587 | PASSED

### MODULE INFORMATION

| Compatibility Ranking Level | Module ID: | Certified CRL | 3 |

Manufacturer Name: Dataram

Part #: DTM64323A

MB: 2GB

Config: 256M x 72

DRAM: Hynix

DRAM Part #: H5TQ1G83BFR-H9C rev B

PCB Part: 40090A rev A, Rawcard E rev 0

PCB_layer_count: 8 Layer

Module Info: Unbuffered ECC 1333MHz DDR3 DIMM

### MINIMUM SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>Minimum System:</th>
<th>DQ57TM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial Number:</td>
<td>BTM94500091</td>
</tr>
<tr>
<td>Board Revision:</td>
<td>E70931-301</td>
</tr>
<tr>
<td>Post Memory Count:</td>
<td>4096MB</td>
</tr>
<tr>
<td>Processor Code:</td>
<td>Inter® Xeon® X3470, @ 2.93GHz, 4.8GT</td>
</tr>
<tr>
<td>Bios at time of test:</td>
<td>TMIBX10H.86A.0025</td>
</tr>
<tr>
<td>MCFT Memory Count:</td>
<td>4G 512M</td>
</tr>
<tr>
<td>Max_HDD_Man:</td>
<td></td>
</tr>
<tr>
<td>Max_HDD_Cap:</td>
<td></td>
</tr>
<tr>
<td>Max_HDD_Ser:</td>
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</tr>
</tbody>
</table>

### MAXIMUM SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>Maximum System:</th>
<th>DQ57TM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial Number:</td>
<td>BTM94500092</td>
</tr>
<tr>
<td>Board Revision:</td>
<td>E70931-301</td>
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<tr>
<td>Post Memory Count:</td>
<td>8192MB</td>
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<tr>
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</tr>
<tr>
<td>Bios at time of test:</td>
<td>TMIBX10H.86A.0025</td>
</tr>
<tr>
<td>MCFT Memory Count:</td>
<td>8G 768M</td>
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<tr>
<td>Max_HDD_Man:</td>
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<tr>
<td>Max_HDD_Cap:</td>
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<tr>
<td>Max_HDD_Ser:</td>
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</tr>
</tbody>
</table>

### SYSTEM INFORMATION

| Start Date: | 6/16/2010 |
| Stop Date: | 6/21/2010 |
| 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: | | |
|Max_HDD_Cap: | | |
|Max_HDD_Ser: | | |

### TESTING DETAILS

<table>
<thead>
<tr>
<th>55°C Temperature: Standard Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start Date:</td>
</tr>
<tr>
<td>Stop Date:</td>
</tr>
<tr>
<td>Processor Code:</td>
</tr>
<tr>
<td>Bios at time of test:</td>
</tr>
<tr>
<td>MCFT Memory Count:</td>
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<td>Max_HDD_Man:</td>
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<td>Max_HDD_Ser:</td>
</tr>
</tbody>
</table>

### VENDOR CONTACT INFORMATION

| Contact: | Andi Barto |
| Contact Phone: | (609) 799-0071 x 34 |

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), XLINEAR® (v x.xx), FXLINEAR® (v x.xx), Patin® (v x.xx), WinMTA® (v x.xx). (Voltage marganing applied only to those systems that are applicable.)

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