## Computer Memory Test Labs Final Report

<table>
<thead>
<tr>
<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
<th>TEST STATUS</th>
</tr>
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<tbody>
<tr>
<td>DQ57TM</td>
<td>Intel</td>
<td>Intel® Q57</td>
<td>017233</td>
<td>PASSED</td>
</tr>
</tbody>
</table>

### Module Information

- **Manufacturer Name:** Kingston
- **Part #:** KVR1333D3N9/4G
- **MB:** 4GB
- **Config:** 512M x 64
- **DRAM:** Hynix
- **DRAM Part #:** H5TQ2G83AFR-H9C rev A
- **PCB Part #:** 2025403-0F1.A00 rev A, R/C B rev 0
- **PCB_layer_count:** 6 Layer
- **Module Info:** Unbuffered Non-ECC 1333MHz DDR3 DIMM

### System Information

- **MINIMUM SYSTEM INFORMATION**
  - Minimum System: DQ57TM
  - Serial Number: BTTM94500090
  - Board Revision: E70931-301
  - Post Memory Count: 8192MB
  - Processor Code: Intel® Core™ CPU 870 @ 2.93GHz, 64 A
  - Bios at time of test: TMIBX10H.86A.0014.2009.1029.2145
  - MCFT Memory Count: 10G
  - Max_HDD_Man: N/A
  - Max_HDD_Cap: N/A
  - Max_HDD_Ser: N/A
  - Minimum System: DQ57TM
  - Serial Number: BTTM94500091
  - Board Revision: E70931-301
  - Post Memory Count: 16384MB
  - Processor Code: Intel® Core™ CPU 870 @ 2.93GHz, 64 A
  - Bios at time of test: TMIBX10H.86A.0014.2009.1029.2145
  - MCFT Memory Count: 18G
  - Max_HDD_Man: N/A
  - Max_HDD_Cap: N/A
  - Max_HDD_Ser: N/A

- **MAXIMUM SYSTEM INFORMATION**
  - Maximum System: DQ57TM
  - Serial Number: BTTM94500090
  - Board Revision: E70931-301
  - Post Memory Count: 8192MB
  - Processor Code: Intel® Core™ CPU 870 @ 2.93GHz, 64 A
  - Bios at time of test: TMIBX10H.86A.0014.2009.1029.2145
  - MCFT Memory Count: 10G
  - Max_HDD_Man: N/A
  - Max_HDD_Cap: N/A
  - Max_HDD_Ser: N/A
  - Maximum System: DQ57TM
  - Serial Number: BTTM94500091
  - Board Revision: E70931-301
  - Post Memory Count: 16384MB
  - Processor Code: Intel® Core™ CPU 870 @ 2.93GHz, 64 A
  - Bios at time of test: TMIBX10H.86A.0014.2009.1029.2145
  - MCFT Memory Count: 18G
  - Max_HDD_Man: N/A
  - Max_HDD_Cap: N/A
  - Max_HDD_Ser: N/A

### Testing Details

- **55°C Temperature:** Standard Voltage
- **Start Date:** 12/18/2009
- **Stop Date:** 12/19/2009
- **Insertion Test:** Pass
- **SPD Check:** Pass
- **MCFT Min:** Pass
- **MCFT Max:** Pass
- **S3 Test:** Pass
- **Power Cycle Test:** N/A
- **Power Cycle Time:** N/A
- **OS:** N/A
- **Service Pack:** N/A
- **Test Version:** RST Pro3 v3.02

### VENDOR CONTACT INFORMATION

- **Contact:** Mike Mohney
- **Contact Phone:** 714.424.3976
- **Purchase Order #:**

### Test Technician

- Thanh Nguyen

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

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