### Computer Memory Test Labs Final Report

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<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
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<tr>
<td>DQ57TM</td>
<td>Intel</td>
<td>Intel® Q57</td>
<td>017326</td>
<td>PASSED</td>
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**MODULE INFORMATION**

- **Manufacturer Name:** Avant Technology  
- **Module ID:** AVT276
- **Compatibility Ranking Level:** Certified CRL 3

**Part #:** AVF6456U61F9333G2-MTFP  
**MB:** 2GB  
**Config:** 256M x 64  
**DRAM:** Micron  
**DRAM Part #:** MT41J128M8JP-15E rev F  
**PCB Part:** B63URCB 0.70, Rawcard 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: BTM94500092  
  - Board Revision: E70931-301
  - Post Memory Count: 4096MB  
  - Processor Code: Intel® Core™ CPU 870 @ 2.93GHz, 64 A
  - Bios at time of test: TMIBX10H.86A.0014.2009.1029.2145
  - MCFT Memory Count: 6G
  - Max_HDD_Man:  
  - Max_HDD_Cap:  
  - Max_HDD_Ser:  
  - 55°C Temperature: Standard Voltage
  - Start Date: 12/22/2009
  - Stop Date: 12/23/2009
  - 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

- **Maximum System Information**
  - Maximum System: DQ57TM
  - Serial Number: BTM9450009J  
  - 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:  
  - Max_HDD_Cap:  
  - Max_HDD_Ser:  

**VENDOR CONTACT INFORMATION**

- **Contact:** Dino Roseland  
- **Contact Phone:** (512) 491-7411
- **Purchase Order #:** AV1209
- **Test Traveler Notes:**  
- **CMTL USE ONLY:**
  - Verified by:  
  - Emailed by:  

**Test Technician:** Thanh Nguyen

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

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