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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<td>DQ57TM</td>
<td>Intel</td>
<td>Intel® Q57</td>
<td>017823</td>
<td>PASSED</td>
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**MODULE INFORMATION**

Manufacturer Name: Avant Technology
Part #: AVF64566U64F933G1-NYBP
MB: 2GB
Config: 256M x 64
DRAM: Nanya
DRAM Part #: NT5CB256M8BN-CG rev B
PCB Part: B63URCA 0.71 na
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: 4096MB
- Processor Code: Inter® Xeon® X3470, @ 2.93GHz, 4.8GT
- BIOS at time of test: TMIBX10H.86A.0025
- MCFT Memory Count: 4G 768M
- Max_HDD_Man:
- Max_HDD_Cap:
- Max_HDD_Ser:

**MAXIMUM SYSTEM INFORMATION**
- Maximum System: DQ57TM
- Serial Number: BTTM94500091
- 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 768M
- Max_HDD_Man:
- Max_HDD_Cap:
- Max_HDD_Ser:

**TESTING DETAILS**
- 55°C Temperature: Standard Voltage
- Start Date: 11/24/2010
- Stop Date: 11/29/2010
- 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: Dino Roseland
Phone: (512) 491-7411
Purchase Order #: AV1110

Test Traveler Notes:
Min configuration Test Time 24hr, 30 Loops/29 Pass, 0 Error
Max configuration Test Time 24hr, 18 Loops/17 Pass, 0 Error
Verified by: Thanh Nguyen
Emailed by: Dino Roseland

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

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