## Computer Memory Test Labs Final Report

### MOTHERBOARD
- **DQ57TM**

### MANUFACTURER
- Intel

### CHIPSET
- Intel® Q57

### TEST NUMBER
- 017827

### TEST STATUS
- PASSED

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### MODULE INFORMATION

- **Manufacturer Name:** Avant Technology
- **Module ID:** AVT296
- **Certified CRL:** 1

### TESTED MEMORY

- **MB:** 4GB
- **Config:** 512M x 64
- **DRAM:** Nanya
- **DRAM Part #:** NT5CB256M8BN-CG rev B
- **PCB Part:** KO-8117 na
- **PCB layer_count:** 8 Layer
- **Module Info:** Unbuffered Non-ECC 1333MHz DDR3 DIMM

### SYSTEM INFORMATION

#### Test Traveler Notes:
- Min configuration Test Time: 24hr, 10 Loops/9 Pass, 0 Error
- Max configuration Test Time: 24hr, 4 Loops/3 Pass, 0 Error

#### Minimum System Information
- **Minimum System:** DQ57TM
- **Serial Number:** BTTM94500092
- **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:** 8G
- **Max_HDD_Cap:** N/A
- **Max_HDD_Ser:** N/A
- **55°C Temperature:** Standard Voltage
- **Start Date:** 11/22/2010
- **Stop Date:** 11/23/2010
- **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:** BTTM9450009J
- **Board Revision:** E70931-301
- **Post Memory Count:** 16384MB
- **Processor Code:** Inter® Xeon® X3470, @ 2.93GHz, 4.8GT
- **Bios at time of test:** TMIBX10H.86A.0025
- **MCFT Memory Count:** 16G 768M
- **Max_HDD_Man:** N/A
- **Max_HDD_Cap:** N/A
- **Max_HDD_Ser:** N/A
- **Power Cycle Test:** Pass
- **Power Cycle Time:** Pass
- **SPD Check:** Pass
- **MCFT Min:** Pass
- **MCFT Max:** Pass
- **S3 Test:** Pass
- **Env. Code:** RoHS
- **Bank:** 2
- **Assembly Type:** Single Board/Non Stacked

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### VENDOR CONTACT INFORMATION

- **Contact:** Dino Roseland
- **Contact Phone:** (512) 491-7411
- **Purchase Order #:** AV1110

- **Test Traveler Notes:**
  - Min configuration Test Time: 24hr, 10 Loops/9 Pass, 0 Error
  - Max configuration Test Time: 24hr, 4 Loops/3 Pass, 0 Error

- **CMTL USE ONLY:**
  - Verified by:
  - Emailed by:

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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.xx), XLINEAR® (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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017827 ID/Motherboard