## Computer Memory Test Labs
### Intel® Advanced Tested Final Report

<table>
<thead>
<tr>
<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST #</th>
<th>STATUS</th>
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<tbody>
<tr>
<td>D54250WYB/D54250WYK/D54250WYKH</td>
<td>Intel</td>
<td>Intel® QM87</td>
<td>024754</td>
<td>PASSED</td>
</tr>
</tbody>
</table>

### MEMORY MODULE INFORMATION

- **CMTL Part #:** DAT717
- **Manufacturer Name:** Dataram
- **Manufacturer Part #:** DTM64620A
- **DRAM Manufacturer:** Samsung
- **DRAM Part #:** K4B2G0846Q-BYK0 rev Q
- **Module Config:** 512M x 64
- **Module Size:** 4GB
- **PCB Part #:** Raw card F3
- **PCB Layer Count:** 8 Layer
- **Module Information:** Unbuffered 1.35V Non-ECC 1600Mhz DDR3 SODIMM

### SYSTEM INFORMATION

#### MINIMUM SYSTEM INFORMATION
- **Minimum System:** D54250WYB/D54250WYK/D54250WYKH
- **Serial Numbe:** GEWY334005E
- **Board Revision:** H13922-301
- **Bios Memory Cound:** 4GB
- **Processor Code:** Intel® Core™ i5-4250 @ 1.30GHz
- **Bios at time of test:** WYLPT10H.86A.0030.2014.0919.1139
- **Bank:** 2
- **Environment Code:** RoHS
- **Low Profile:** 30mm LP

#### MAXIMUM SYSTEM INFORMATION
- **Maximum System:** D54250WYB/D54250WYK/D54250WYKH
- **Serial Numbe:** GEWY334005N4
- **Board Revision:** H13922-301
- **Bios Memory Cound:** 8GB
- **Processor Code:** Intel® Core™ i5-4250 @ 1.30GHz
- **Bios at time of test:** WYLPT10H.86A.0030.2014.0919.1139
- **Bank:** 2

### TESTING DETAILS

- **55°C Temperature / Standard Voltage**
  - **Start Date:** 3/19/2015
  - **Stop Date:** 3/20/2015
  - **Insertion Test:** Pass
  - **SPD Check:** Pass
  - **Minimum Load:** Pass
  - **Maximum Load:** Pass
  - **S0 ~ S5 Test:** Pass
  - **Power Cycle Test:** Pass
  - **Test Card Version:** R.S.T Premium v6.05

Microsoft Windows-7 64bit version is used as it support over 4GB memory and must support target chipset/CPU platform. All board drivers must be loaded when drivers are available on Intel web site. Front panel power cycling test, ACPI S3 sleep state cycling test, and Hibernate S4/S5 state cycling test is done up to 20 cycle each when the board support it. At least 2 loops of all test under R.S.T PRO3 to be completed.

### Test Notes:

- Min configuration, 5 Loops Passed, 0 Error; Memory speed running @ 1600MHz
- Max configuration, 5 Loops Passed, 0 Error; Memory speed running @ 1600MHz