Computer Memory Test Labs
Intel® Advanced Tested Final Report

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<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
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<td>D54250WYB/D54250WYK</td>
<td>Intel</td>
<td>Intel® QM87</td>
<td>021786</td>
<td>PASSED</td>
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**MEMORY MODULE INFORMATION**

Manufacturer Name: Axiom
Manufacturer Part #: AX31600S11Z/4GL-NYCP
CMTL Part #: AXM036
DRAM Manufacturer: Nanya
DRAM Part #: NT5CC512M8CN-DI rev C
Module Config: 512M x 64
Module Size: 4GB
PCB Part #: 50-1469-01-B rev B
PCB Layer Count: 6 Layer
Board Revision: H13922-301
Test Card Version: R.S.T Premium v6.05

**SYSTEM INFORMATION**

Minimum System: D54250WYB/D54250WYK
Serial Numbe: GEWY334005E
Board Revision: H13922-301
Bios Memory Count: 4GB
Processor Code: Intel® Core™ i5-4250 @ 1.30GHz
Bios at time of test: WYLPT10H.86A.0018.2013.0918.2135
R.S.T PRO Count: 4G/510M

Maximum System: D54250WYB/D54250WYK
Serial Numbe: GEWY334005N4
Board Revision: H13922-301
Bios Memory Count: 8GB
Processor Code: Intel® Core™ i5-4250 @ 1.30GHz
Bios at time of test: WYLPT10H.86A.0018.2013.0918.2135
R.S.T PRO Count: 8G/510M

**TESTING DETAILS**

- 55°C Temperature / Standard Voltage
- Start Date: 10/3/2013
- Stop Date: 10/4/2013
- 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

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