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

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<tr>
<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
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<tr>
<td>D54250WYB/D54250WYK</td>
<td>Intel</td>
<td>Intel® QM87</td>
<td>021818</td>
<td>PASSED</td>
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</table>

### MEMORY MODULE INFORMATION

- **Manufacturer Name:** EDGE Memory  
- **Manufacturer Part #:** PE240530  
- **DRAM Manufacturer:** Nanya  
- **DRAM Part #:** NT5CC512M8CN-DI rev C  
- **Module Config:** 1024M x 64  
- **Module Size:** 8GB  
- **PCB Part #:** 50-1468-02-B rev B  
- **PCB Layer Count:** 8 Layer  
- **Module Information:** Unbuffered 1.35V Non-ECC 1600Mhz DDR3 SODIMM  
- **CMTL Part #:** EDG030  
- **Environment Code:** RoHS  
- **Low Profile:** 30mm LP  
- **Cas Latency:** 11  
- **Bank:** 2  
- **Assembly Type:** Single Board/Non Stacked  

### SYSTEM INFORMATION

- **Minimum System Information**  
  - Minimum System: D54250WYB/D54250WYK  
  - Serial Numbe: GEWY334005E  
  - Board Revision: H13922-301  
  - Bios Memory Coun: 8GB  
  - Processor Code: Intel® Core™ i5-4250 @ 1.30GHz  
  - Bios at time of test: WYLPT10H.86A.0018.2013.0918.2135  
  - RST PRO Count: 8G/510M  

- **Maximum System Information**  
  - Maximum System: D54250WYB/D54250WYK  
  - Serial Numbe: GEWY334005N4  
  - Board Revision: H13922-301  
  - Bios Memory Coun: 16GB  
  - Processor Code: Intel® Core™ i5-4250 @ 1.30GHz  
  - Bios at time of test: WYLPT10H.86A.0018.2013.0918.2135  
  - R.S.T PRO Count: 16G/510M  

### TESTING DETAILS

- **55°C Temperature / Standard Voltage**  
  - Start Date: 10/4/2013  
  - Stop Date: 10/5/2013  
  - 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