**Computer Memory Test Labs**

**Intel® Advanced Tested Final Report**

### Min System Information

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
<th>TEST STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intel</td>
<td>Intel® H87</td>
<td>021165</td>
<td>PASSED</td>
</tr>
</tbody>
</table>

### MEMORy MODULE INFORMATION

- **CMTL Part #**: DAT673

- **Manufacturer Name**: Dataram
- **Manufacturer Part #**: DTM64452A
- **DRAM Manufacturer**: SK Hynix
- **DRAM Part #**: H5TC4G83AFR-PBA rev A
- **Module Config**: 512M x 64
- **Module Size**: 4GB
- **PCB Part #**: B63URCA 1.03
- **PCB Layer Count**: 6 Layer
- **Module Information**: Unbuffered 1.35V Non-ECC 1600Mhz DDR3 DIMM

### SYSTEM INFORMATION

#### Minimum System Information

- **Minimum System**: DH87RL
- **Serial Numbe**: BQRL315000BV
- **Board Revision**: G74240-400
- **Bios Memory Coun**: 8GB
- **Processor Code**: Intel® Core™ i5-4570T @ 2.90GHz
- **Bios at time of test**: RLH8710H.86A.0317.2013.0426.1724
- **RST PRO Count**: 8G 510M

#### Maximum System Information

- **Maximum System**: DH87RL
- **Serial Numbe**: BQRL315000E1
- **Board Revision**: G74240-400
- **Bios Memory Coun**: 16GB
- **Processor Code**: Intel® Core™ i5-4570T @ 2.90GHz
- **Bios at time of test**: RLH8710H.86A.0317.2013.0426.1724
- **R.S.T PRO Count**: 16G 510M

### Memory Test Details

- **55°C Temperature / Standard Voltage**
- **Start Date**: 09/13/2013
- **Stop Date**: 09/15/2013
- **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

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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/SS 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 config memory speed ran @ 16000MHz
- Max config memory speed ran @ 16000MHz

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