# 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>DX79SI</td>
<td>Intel</td>
<td>Intel® X79</td>
<td>022413</td>
<td>PASSED</td>
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</table>

## MEMORY MODULE INFORMATION

- **Manufacturer Name:** Mushkin
- **Manufacturer Part #:** 992031HA
- **DRAM Manufacturer:** SKhynix
- **DRAM Part #:** H5TC4G83AFR-PBA rev A
- **Module Config:** 1024M x 64
- **Module Size:** 8GB
- **PCB Part #:** 50-1463-01-B1 rev B
- **PCB Layer Count:** 6 Layer
- **Module Information:** Unbuffered 1.35V Non-ECC 1600Mhz DDR3 DIMM
- **CMTL Part #:** MUS043
- **Environment Code:** RoHS
- **Low Profile:** 30 mm LP
- **Cas Latency:** 11
- **Bank:** 2
- **Assembly Type:** JEDEC Single Board/Non Stacked

## SYSTEM INFORMATION

**Minimum System Information**
- Minimum System: DX79SI
- Serial Numbe: BTSi1340002C
- Board Revision: G28808-400
- Bios Memory Cound: 16GB
- Processor Code: Genuine Intel® @ 3.30GHz
- Bios at time of test: SIX7910J.86A.0594
- RST PRO Count: 16G 512M

**Maximum System Information**
- Maximum System: DX79SI
- Serial Numbe: BTSi1340002D
- Board Revision: G28808-400
- Bios Memory Cound: 32GB
- Processor Code: Genuine Intel® @ 3.30GHz
- Bios at time of test: SIX7910J.86A.0594
- R.S.T PRO Count: 32G 512M

## TESTING DETAILS

- **55°C Temperature / Standard Voltage**
  - Start Date: 02/18/2014
  - Stop Date: 02/19/2014
  - 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/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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