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

<table>
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<tr>
<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
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<tr>
<td>DX79SI</td>
<td>Intel</td>
<td>Intel® X79</td>
<td>020255</td>
<td>PASSED</td>
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</table>

### MEMORY MODULE INFORMATION
- **Manufacturer Name:** Kingston
- **Manufacturer Part #:** KVR16N11S8H/4
- **DRAM Manufacturer:** Elpida
- **DRAM Part #:** EDJ4208BBBG-GN-F rev B
- **Module Config:** 512M x 64
- **Module Size:** 4GB
- **PCB Part #:** 2025402-0F1.D00 rev D
- **PCB Layer Count:** 6 Layer
- **Module Information:** Unbuffered 1.5V, Non-ECC, 1600Mhz, DDR3 DIMM

### CMTL Part #: KIN353
- **Environment Code:** RoHS
- **Low Profile:** Yes
- **Cas Latency:** 11
- **Bank:** 1
- **Assembly Type:** JEDEC Single Board/Non Stacked

### SYSTEM INFORMATION
- **Minimum System:** DX79SI
  - Serial Numbe: BTSI1340002C
  - Board Revision: G28808-400
  - BIOS Memory Coun: 16G
  - Processor Code: Genuine Intel® @ 3.30GHz
  - BIOS at time of test: SIX7910J.86A.0553.2012.1027.1042
  - RST PRO Count: 16G/768M

- **Maximum System:** DX79SI
  - Serial Numbe: BTSI1340002D
  - Board Revision: G28808-400
  - BIOS Memory Coun: 32G
  - Processor Code: Genuine Intel® @ 3.30GHz
  - BIOS at time of test: SIX7910J.86A.0553.2012.1027.1042
  - R.S.T PRO Count: 32G/766M

### TESTING DETAILS
- **55°C Temperature / Standard Voltage**
  - **Start Date:** 3/4/2013
  - **Stop Date:** 3/5/2013
- **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 PRO3 V5.55

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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