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

### Test Details:
- **Test Type:** Memory Test
- **Platform:** Microsoft Windows-7 64bit
- **Memory Size:** 4GB
- **CPU:** Intel®
- **Chipset:** Intel® X79

### Test Summary:
- **Pass:** All tests passed without errors.
- **Configuration:** 5 loops passed with no errors.
- **Memory Speed:** Running at 1600MHz.

### Test Conditions:
- **Temperature:** 55°C
- **Voltage:** Standard
- **Environment:** RoHS

### Hardware Information:
- **Motherboard:** DX79SI
- **Manufacturer:** Intel
- **Memory Module:** AXM032

### System Information:
- **Minimum System:**
  - BIOS: SIX7910J.86A.0590
  - Processor: Genuine Intel® @ 3.30GHz
  - Memory: 16GB
- **Maximum System:**
  - BIOS: SIX7910J.86A.0590
  - Processor: Genuine Intel® @ 3.30GHz
  - Memory: 32GB

### Memory Module Information:
- **Manufacturer:** Axiom
- **Part Number:** AX31600N11Z/8GL-HYAP
- **DRAM:** SKhynix H5TQ4G83AFR-PBA rev A
- **Configuration:** 1024M x 64, 8GB
- **Speed:** 1600Mhz
- **Type:** Unbuffered 1.35V Non-ECC DDR3 DIMM

### Test Reports:
- **Low Profile:** 30mm LP
- **Bank:** 2
- **Assembled Type:** Single Board/Non Stacked

### 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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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.