# Computer Memory Test Labs

## Intel® Advanced Tested Final Report

### Memory Module Information

Manufacturer Name: **Legacy Electronics Inc.**
Manufacturer Part #: **LE38US16LAM-EB1000**
DRAM Manufacturer: **Micron**
DRAM Part #: **MT41K512M8RH-125:E rev E**
Module Config: 1024M x 64
Module Size: **8GB**
PCB Part #: **D3U268-B1 N/A**
PCB Layer Count: **6 Layer**

Module Information: **Unbuffered 1.5V Non-ECC 1600MHz DDR3 DIMM**

### System Information

**DH87RL**

**Intel**

**Intel® H87**

**020725**

**PASSED**

### Minimum System Information

- **Minimum System:** DH87RL
- **Serial Numbe:** BQRL315000BV
- **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
- **RST PRO Count:** 16G 510M

### Maximum System Information

- **Maximum System:** DH87RL
- **Serial Numbe:** BQRL315000E1
- **Board Revision:** G74240-400
- **Bios Memory Coun:** 32GB
- **Processor Code:** Intel® Core™ i5-4570T @ 2.90GHz
- **Bios at time of test:** RLH8710H.86A.0317.2013.0426.1724
- **R.S.T PRO Count:** 32G 510M

### 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.

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