

**Server Memory Compatibility Test Certificate**

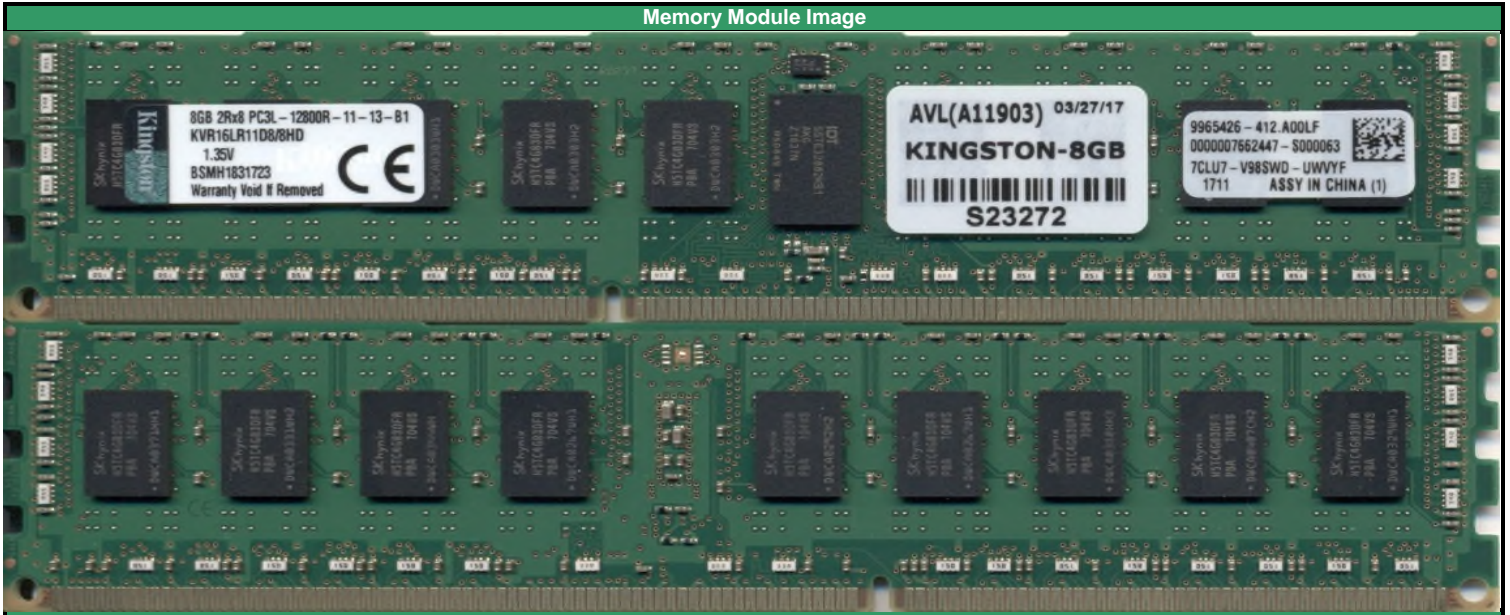
|  |                          |
|--|--------------------------|
| Test System: <b>Supermicro X8DT6-F</b> | Test Result: <b>Pass</b> |
|--|--------------------------|

Leveraged System(s): X8DT6, X8DTE, X8DTE-F, X8DTE-UF

| Module Specifications |                  |                                  |           |      |                        |       |                  |     |      |
|-----------------------|------------------|----------------------------------|-----------|------|------------------------|-------|------------------|-----|------|
| DIMM Vendor           | DIMM Part Number | Type                             | Voltage   | Size | Config.                | Speed | CL               | R/C | Rank |
| Kingston              | KVR16LR11D8/8HD  | RDIMM                            | 1.35V     | 8GB  | 1Gx72                  | 1600  | 11               | B   | DR   |
| DRAM Vendor           | DRAM Part Number | DRAM Density / Width / Date Code |           |      | Register Vendor / Rev. |       | DIMM Composition |     |      |
| Sk Hynix              | H5TC4G83DFR-PBA  | 4Gb                              | 512Mx8bit | 1704 | IDT                    | 6.4   | (512x8)*72       |     |      |

| System Configuration |  |
|----------------------|--|
| SETUP                | System Information                         |
| AVL S/N              | SK4375                                     |
| System S/N           | VMA59161                                   |
| Board Rev. (PBA)     | 1.3  |
| CPU Type             | Intel X5650(WSM) x 2                       |
| Chipset              | Intel 5520 (Tylersburg), Rev B3            |
| BIOS / Date          | 2.0c /05/15/12                             |
| BMC / ME             | 2.04                                       |
| FRU/SDR              | n/a  |
| OS                   | Red Hat Enterprise Linux 6.2 Kernel 2.6.32 |
| Test Tool            | SAT, Memory Stress v1077                   |

| Testing Summary                              |  |                      |
|--|--|----------------------|
| Test Items                                   | Test Description                                 | Test Results         |
| 1. Latest BIOS Upgrade & Configuration check | Record memory Size and Speed detection from BIOS | Done                 |
| 2. SPD Check                                 | DIMM SPD content check for JEDEC compliance      | Pass                 |
| 3. Reset Cycle                               | 1 DIMM Per Channel when applicable               | Pass                 |
| 4a. Memory Stress                            | DIMM Loading per spec                            | 8 hours per config   |
| 4b. Memory Benchmark                         |  | 5 loops per config   |
| 4c. Reset Cycle                              |  | 200 loops per config |
| 5. Functional Stress Test                    |  | 12 hours             |
| Note:  |  |                      |



| AVL USE ONLY: |            |                  |           |        |       |         |        |
|---------------|------------|------------------|-----------|--------|-------|---------|--------|
| Completed by: | Van Nguyen | Completion Date: | 4/13/2017 | AVL A# | 11903 | AVL W/O | WD7797 |
| Comments:     |            |                  |           |        |       |         |        |