



**Intel PCSD Server Memory Compatibility Test Certificate**

|  |                          |
|--|--------------------------|
| Test System: <b>Intel S2600JF (Jefferson Pass)</b> | Test Result: <b>Pass</b> |
|--|--------------------------|

Leveraged System(s): N/A

| Module Information |                  |                                  |            |      |                        |       |                  |     |      |
|--------------------|------------------|----------------------------------|------------|------|------------------------|-------|------------------|-----|------|
| Rev. 03/01/2014    |                  |                                  |            |      |                        |       |                  |     |      |
| DIMM Vendor        | DIMM Part Number | Type                             | Voltage    | Size | Config.                | Speed | CL               | R/C | Rank |
| Kingston           | KVR16LR11D4/16I  | RDIMM                            | 1.35V      | 16GB | 2Gx72                  | 1600  | 11               | E   | DR   |
| DRAM Vendor        | DRAM Part Number | DRAM Density / Width / Date Code |            |      | Register Vendor / Rev. |       | DIMM Composition |     |      |
| Hynix              | H5TC4G43BFR-PBA  | 4Gb                              | 1024Mx4bit | 1438 | Inphi                  | GS02  | (1024Mx4)X2*72   |     |      |

| System Configuration |   |              |
|----------------------|---|--------------|
| SETUP                | System #1   | System #2    |
| AVL S/N              | SR4140  | SN5652       |
| System S/N           | QJJP13704142  | QJJP13704121 |
| Board Rev. (PBA)     | G28033-501  |              |
| CPU Type             | E5-2695 v2 / 2.4 GHz  |              |
| Chipset              | Intel C602  |              |
| BIOS / Date          | 02.03.0003 / 04/19/2014                                     |              |
| BMC / ME             | 01.21.6038 / 02.01.07.328                                   |              |
| FUR/SDR              | 1.10  |              |
| OS                   | Windows 2008 Enterprise R2 64bit SP1                        |              |
| Test Tool            | iWVSS 2.5.3, SELViewer, Pvmode2, Syscfg, WinPIRA, MemPuller |              |

| 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. Memory Stress                             | Test for 6 hours @ Max and Min Loading           | HVDD Hot <span style="color: blue;">Pass</span>  |
| 4. Memory Stress                             |  | HVDD Cold <span style="color: blue;">Pass</span> |
| 5. Memory Stress                             |  | LVDD Hot <span style="color: blue;">Pass</span>  |
| 6. Memory Stress                             |  | LVDD Cold <span style="color: blue;">Pass</span> |
| Note:  |  |  |

| Memory Module Image |            |                  |            |        |        |         |        |
|---------------------|------------|------------------|------------|--------|--------|---------|--------|
|                     |            |                  |            |        |        |         |        |
| AVL USE ONLY:       |            |                  |            |        |        |         |        |
| Completed by:       | Andy Chang | Completion Date: | 01/09/2015 | AVL A# | A10270 | AVL W/O | WD2648 |
| Comments:           |            |                  |            |        |        |         |        |

Test Results

| 4C              |        |          |   |   |   |
|-----------------|--------|----------|---|---|---|
| Maximum Loading |        |          |   |   |   |
| Start Date      |        | 1/7/2015 |   |   |   |
| DIMM Voltage    |        | 1.5v     |   |   |   |
| DIMM            | S/N    | A        | B | C | D |
| CPU1 A1         | SV4389 | P        | P | P | P |
| CPU1 B1         | SV4390 | P        | P | P | P |
| CPU1 C1         | SV4391 | P        | P | P | P |
| CPU1 D1         | SV4392 | P        | P | P | P |
| CPU2 E1         | SV4393 | P        | P | P | P |
| CPU2 F1         | SV4394 | P        | P | P | P |
| CPU2 G1         | SV4395 | P        | P | P | P |
| CPU2 H1         | SV4430 | P        | P | P | P |

| 4C              |        |          |   |   |   |
|-----------------|--------|----------|---|---|---|
| Maximum Loading |        |          |   |   |   |
| Start Date      |        | 1/5/2015 |   |   |   |
| DIMM Voltage    |        | 1.35v    |   |   |   |
| DIMM            | S/N    | E        | F | G | H |
| CPU1 A1         | SV4389 | P        | P | P | P |
| CPU1 B1         | SV4390 | P        | P | P | P |
| CPU1 C1         | SV4391 | P        | P | P | P |
| CPU1 D1         | SV4392 | P        | P | P | P |
| CPU2 E1         | SV4393 | P        | P | P | P |
| CPU2 F1         | SV4394 | P        | P | P | P |
| CPU2 G1         | SV4395 | P        | P | P | P |
| CPU2 H1         | SV4396 | P        | P | P | P |