



## Advanced Validation Labs, Inc.

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### Intel PCSD Server Memory Compatibility Test Certificate

Test System: **Intel S2600ST (SawTooth Pass)**

Test Result: **Pass**

Leveraged System(s): BBS2600STQ,S2600ST,S2600STB,S2600STQ

#### Modules Information

| DIMM Vendor | DIMM Part Number | Type                             | Voltage    | Size | Config.                | Speed | CL               | R/C | Rank |
|-------------|------------------|----------------------------------|------------|------|------------------------|-------|------------------|-----|------|
| Kingston    | KSM26RD8L/16MEI  | RDIMM                            | 1.2V       | 16GB | 2Gx72                  | 2666  | 19               | H   | DR   |
| DRAM Vendor | DRAM Part Number | DRAM Density / Width / Date Code |            |      | Register Vendor / Rev. |       | DIMM Composition |     |      |
| Micron      | MT40A1G8SA-075:E | 8Gb                              | 1024Mx8bit | 1804 | IDT                    | B     | (1024Mx8)*2*72   |     |      |

#### System Configuration

| SETUP            | System #1                               | System #2    |
|------------------|---|--------------|
| AVL S/N          | H170061-001                             | H170061-003  |
| System S/N       | FWSP71420190                            | FWSP71420061 |
| Board Rev. (PBA) | J17012-400                              |              |
| CPU Type         | Platinum 8170 M / 2.10 GHz              |              |
| Chipset          | C610                                    |              |
| BIOS             | 0X.01.0108                              |              |
| BMC / ME         | 1.43 / 04.00.04.294                     |              |
| FUR/SDR          | 1.28                                    |              |
| OS               | Windows Server 2016 Standard            |              |
| Test Tool        | iWVSS 2.7.0, SELViewer, Syscfg, WinPIRA |              |

#### 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     |
| 4. Memory Stress                             |  | HVDD Cold    |
| 5. Memory Stress                             |  | LVDD Hot     |
| 6. Memory Stress                             |  | LVDD Cold    |

Note:

#### Memory Module Image



#### AVL USE ONLY:

|               |            |                  |            |        |         |         |        |
|---------------|------------|------------------|------------|--------|---------|---------|--------|
| Completed by: | Andy Chang | Completion Date: | 06/07/2018 | AVL A# | U181145 | AVL W/O | WF1179 |
|---------------|------------|------------------|------------|--------|---------|---------|--------|

Comments:

Test Results

| 4C              |         |               |   |   |   |
|-----------------|---------|---------------|---|---|---|
| Minimum Loading |         |               |   |   |   |
| Start Date      |         | 5/29/2018     |   |   |   |
| DIMM Voltage    |         | 1.22v / 1.16v |   |   |   |
| DIMM            | S/N     | A             | B | C | D |
| CPU1 A1         | 45-0009 | P             | P | P | P |
| CPU1 A2         |         |               |   |   |   |
| CPU1 B1         | 45-0010 | P             | P | P | P |
| CPU1 C1         | 45-0012 | P             | P | P | P |
| CPU1 D1         | 45-0011 | P             | P | P | P |
| CPU1 D2         |         |               |   |   |   |
| CPU1 E1         | 45-0022 | P             | P | P | P |
| CPU1 F1         | 45-0023 | P             | P | P | P |
| CPU2 G1         | 46-0001 | P             | P | P | P |
| CPU2 G2         |         |               |   |   |   |
| CPU2 H1         | 46-0002 | P             | P | P | P |
| CPU2 I1         | 46-0003 | P             | P | P | P |
| CPU2 J1         | 46-0004 | P             | P | P | P |
| CPU2 J2         |         |               |   |   |   |
| CPU2 K1         | 46-0017 | P             | P | P | P |
| CPU2 L1         | 46-0018 | P             | P | P | P |

| 4C              |         |               |   |   |   |
|-----------------|---------|---------------|---|---|---|
| Maximum Loading |         |               |   |   |   |
| Start Date      |         | 05/29/18      |   |   |   |
| DIMM Voltage    |         | 1.22v / 1.16v |   |   |   |
| DIMM            | S/N     | A             | B | C | D |
| CPU1 A1         | 45-0001 | P             | P | P | P |
| CPU1 A2         | 45-0002 | P             | P | P | P |
| CPU1 B1         | 45-0003 | P             | P | P | P |
| CPU1 C1         | 45-0004 | P             | P | P | P |
| CPU1 D1         | 45-0005 | P             | P | P | P |
| CPU1 D2         | 45-0006 | P             | P | P | P |
| CPU1 E1         | 45-0007 | P             | P | P | P |
| CPU1 F1         | 45-0008 | P             | P | P | P |
| CPU2 G1         | 46-0017 | P             | P | P | P |
| CPU2 G2         | 46-0018 | P             | P | P | P |
| CPU2 H1         | 46-0019 | P             | P | P | P |
| CPU2 I1         | 46-0020 | P             | P | P | P |
| CPU2 J1         | 46-0021 | P             | P | P | P |
| CPU2 J2         | 46-0022 | P             | P | P | P |
| CPU2 K1         | 46-0023 | P             | P | P | P |
| CPU2 L1         | 46-0024 | P             | P | P | P |