



Advanced Validation Labs, Inc.

17665B Newhope Street, Fountain Valley, CA 92708 (714) 435-2630



Intel PCSD Server Memory Compatibility Test Certificate

Test System: **Intel S2600BP (Buchanan Pass)**

Test Result: **Pass**

Leveraged System(s): BBS2600BPB,BBS2600BPQ,BBS2600BPS,HNS2600BPB,HNS2600BPB24,HNS2600BPQ,HNS2600BPQ24,HNS2600BPS,HNS2600BPS24,S2600BP

Modules Information

| DIMM Vendor | DIMM Part Number | Type | Voltage | Size | Config. | Speed | CL | R/C | Rank |
|-------------|------------------|----------------------------------|---------|------|------------------------|-------|------------------|-----|------|
| Kingston | KSM24RD8/16MEI | RDIMM | 1.2V | 16GB | 2Gx72 | 2400 | 17 | E | DR |
| DRAM Vendor | DRAM Part Number | DRAM Density / Width / Date Code | | | Register Vendor / Rev. | | DIMM Composition | | |
| Micron | MT40A1G8SA-075:E | 8Gb 1024Mx8bit 1804 | | | IDT C0 | | (1024Mx8)*2*72 | | |

System Configuration

| SETUP | System #1 | System #2 |
|------------------|---|--------------|
| AVL S/N | BP161 | BP084 |
| System S/N | QSBP70900161 | QSBP70900084 |
| Board Rev. (PBA) | H87926-500 | |
| CPU Type | Gold 6142 M / 2.60 GHz | |
| Chipset | C610 | |
| BIOS | 0X.01.0108 | |
| BMC / ME | 1.43 / 04.00.04.294 | |
| FUR/SDR | 1.30 | |
| 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 Pass |
| 4. Memory Stress | | HVDD Cold Pass |
| 5. Memory Stress | | LVDD Hot Pass |
| 6. Memory Stress | | LVDD Cold Pass |
| Note: | | |

Memory Module Image



AVL USE ONLY:

| | | | | | | | |
|---------------|------------|------------------|------------|--------|---------|---------|--------|
| Completed by: | Andy Chang | Completion Date: | 03/19/2018 | AVL A# | U181105 | AVL W/O | WF0918 |
|---------------|------------|------------------|------------|--------|---------|---------|--------|

Comments:

Test Results

| 4C | | | | | |
|-----------------|---------|---------------|---|---|---|
| Minimum Loading | | | | | |
| Start Date | | 3/9/2018 | | | |
| DIMM Voltage | | 1.22v / 1.16v | | | |
| DIMM | S/N | A | B | C | D |
| CPU1 A1 | 05-0001 | P | P | P | P |
| CPU1 A2 | | | | | |
| CPU1 B1 | 05-0002 | P | P | P | P |
| CPU1 C1 | 05-0003 | P | P | P | P |
| CPU1 D1 | 05-0004 | P | P | P | P |
| CPU1 D2 | | | | | |
| CPU1 E1 | 05-0005 | P | P | P | P |
| CPU1 F1 | 05-0006 | P | P | P | P |
| CPU2 G1 | 06-0001 | P | P | P | P |
| CPU2 G2 | | | | | |
| CPU2 H1 | 06-0002 | P | P | P | P |
| CPU2 I1 | 06-0003 | P | P | P | P |
| CPU2 J1 | 06-0004 | P | P | P | P |
| CPU2 J2 | | | | | |
| CPU2 K1 | 06-0005 | P | P | P | P |
| CPU2 L1 | 06-0006 | P | P | P | P |

| 4C | | | | | |
|-----------------|---------|---------------|---|---|---|
| Maximum Loading | | | | | |
| Start Date | | 03/09/18 | | | |
| DIMM Voltage | | 1.22v / 1.16v | | | |
| DIMM | S/N | A | B | C | D |
| CPU1 A1 | 05-0001 | P | P | P | P |
| CPU1 A2 | 05-0002 | P | P | P | P |
| CPU1 B1 | 05-0003 | P | P | P | P |
| CPU1 C1 | 05-0004 | P | P | P | P |
| CPU1 D1 | 05-0005 | P | P | P | P |
| CPU1 D2 | 05-0006 | P | P | P | P |
| CPU1 E1 | 05-0007 | P | P | P | P |
| CPU1 F1 | 05-0008 | P | P | P | P |
| CPU2 G1 | 06-0001 | P | P | P | P |
| CPU2 G2 | 06-0002 | P | P | P | P |
| CPU2 H1 | 06-0003 | P | P | P | P |
| CPU2 I1 | 06-0004 | P | P | P | P |
| CPU2 J1 | 06-0005 | P | P | P | P |
| CPU2 J2 | 06-0006 | P | P | P | P |
| CPU2 K1 | 06-0007 | P | P | P | P |
| CPU2 L1 | 06-0008 | P | P | P | P |