



Advanced Validation Labs, Inc.

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| 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 | KSM26RS4/32HAI | RDIMM | 1.2V | 32GB | 4Gx72 | 2666 | 19 | C | SR |
| DRAM Vendor | DRAM Part Number | DRAM Density / Width / Date Code | | | Register Vendor / Rev. | | DIMM Composition | | |
| Hynix | H5ANAG4NAJR-XNC | 16Gb | 4096Mx4bit | 2006 | IDT | B1 | (4096Mx4)*72 | | |

| System Configuration | | |
|----------------------|---|--------------|
| SETUP | System #1 | System #2 |
| AVL S/N | H170047-003 | H170047-004 |
| System S/N | QSBP83210875 | QSBP83210819 |
| Board Rev. (PBA) | H87926-553 | |
| CPU Type | Intel CLX 2.20 GHz | |
| Chipset | Intel 62X Series | |
| BIOS | 02.01.5010 | |
| BMC / ME | 2.48 / 04.01.04.381 | |
| FUR/SDR | 1.45 | |
| OS | Windows Server 2016 Standard | |
| Test Tool | iWVSS 2.8.0, 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: | 07/22/2021 | AVL A# | U201678 | AVL W/O | WF8283 |
| Comments: | | | | | | | |

Test Results

| 4C Minimum Loading | | | | | |
|--------------------|------|---------------|---|---|---|
| Start Date | | 7/12/2021 | | | |
| DIMM Voltage | | 1.22v / 1.16v | | | |
| DIMM | S/N | A | B | C | D |
| CPU1 A1 | 0001 | P | P | P | P |
| CPU1 A2 | | | | | |
| CPU1 B1 | 0002 | P | P | P | P |
| CPU1 C1 | 0003 | P | P | P | P |
| CPU1 D1 | 0004 | P | P | P | P |
| CPU1 D2 | | | | | |
| CPU1 E1 | 0005 | P | P | P | P |
| CPU1 F1 | 0006 | P | P | P | P |
| CPU2 G1 | 0007 | P | P | P | P |
| CPU2 G2 | | | | | |
| CPU2 H1 | 0008 | P | P | P | P |
| CPU2 I1 | 0009 | P | P | P | P |
| CPU2 J1 | 0010 | P | P | P | P |
| CPU2 J2 | | | | | |
| CPU2 K1 | 0011 | P | P | P | P |
| CPU2 L1 | 0012 | P | P | P | P |

| 4C Maximum Loading | | | | | |
|--------------------|------|---------------|---|---|---|
| Start Date | | 07/12/21 | | | |
| DIMM Voltage | | 1.22v / 1.16v | | | |
| DIMM | S/N | A | B | C | D |
| CPU1 A1 | 0001 | P | P | P | P |
| CPU1 A2 | 0002 | P | P | P | P |
| CPU1 B1 | 0003 | P | P | P | P |
| CPU1 C1 | 0004 | P | P | P | P |
| CPU1 D1 | 0005 | P | P | P | P |
| CPU1 D2 | 0006 | P | P | P | P |
| CPU1 E1 | 0007 | P | P | P | P |
| CPU1 F1 | 0008 | P | P | P | P |
| CPU2 G1 | 0009 | P | P | P | P |
| CPU2 G2 | 0010 | P | P | P | P |
| CPU2 H1 | 0011 | P | P | P | P |
| CPU2 I1 | 0012 | P | P | P | P |
| CPU2 J1 | 0013 | P | P | P | P |
| CPU2 J2 | 0014 | P | P | P | P |
| CPU2 K1 | 0015 | P | P | P | P |
| CPU2 L1 | 0016 | P | P | P | P |