



Advanced Validation Labs, Inc.

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| Intel PCSD Server Memory Compatibility Test Certificate | |
|---|--------------------------|
| Test System: Intel S2600WF (Wolf Pass) | Test Result: Pass |

Leveraged System(s): R1208WFTYS, R1304WF, R1304WF0YS, R1304WFTYS, R2000WF, R2208WF0ZS, R2208WFTZS, R2224WFTZS, R2308WFTZS, R2312WF0NP, R2312WFTZS, S2600WF0, S2600WFQ, S2600WFT

| Modules Information | | | | | | | | | |
|---------------------|-------------------|----------------------------------|------------|------|------------------------|-------|------------------|-----|------|
| DIMM Vendor | DIMM Part Number | Type | Voltage | Size | Config. | Speed | CL | R/C | Rank |
| Kingston | KSM26RD8/32MEI | RDIMM | 1.2V | 32GB | 4Gx72 | 2666 | 19 | E | DR |
| DRAM Vendor | DRAM Part Number | DRAM Density / Width / Date Code | | | Register Vendor / Rev. | | DIMM Composition | | |
| Micron | MT40A2G8JC-062E:E | 16Gb | 2048Mx8bit | 2018 | IDT | B1 | (2048Mx8)*2*72 | | |

| System Configuration | | |
|----------------------|---|-----------|
| SETUP | System #1 | System #2 |
| AVL S/N | H170060-003 | N/A |
| System S/N | BQWF83600199 | N/A |
| Board Rev. (PBA) | H48104-863 | |
| CPU Type | Intel CLX 2.50 GHz | |
| Chipset | Intel 62X Series | |
| BIOS | 02.01.5010 | N/A |
| BMC / ME | 2.48 / 04.01.04.381 | N/A |
| FUR/SDR | 2.01 | N/A |
| 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: | 01/01/2014 | AVL A# | U201581 | AVL W/O | WF8276 |
| 08/27/2021 | | | | | | | |

| 4C Test Results | | | | | | |
|--------------------|---------------|---|---|---|---|--|
| 4C Minimum Loading | | | | | | |
| Start Date | 8/19/2021 | | | | | |
| 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 B2 | | | | | | |
| CPU1 C1 | 0003 | P | P | P | P | |
| CPU1 C2 | | | | | | |
| CPU1 D1 | 0004 | P | P | P | P | |
| CPU1 D2 | | | | | | |
| CPU1 E1 | 0005 | P | P | P | P | |
| CPU1 E2 | | | | | | |
| CPU1 F1 | 0006 | P | P | P | P | |
| CPU1 F2 | | | | | | |
| CPU2 G1 | 0007 | P | P | P | P | |
| CPU2 G2 | | | | | | |
| CPU2 H1 | 0008 | P | P | P | P | |
| CPU2 H2 | | | | | | |
| CPU2 I1 | 0009 | P | P | P | P | |
| CPU2 I2 | | | | | | |
| CPU2 J1 | 0010 | P | P | P | P | |
| CPU2 J2 | | | | | | |
| CPU2 K1 | 0011 | P | P | P | P | |
| CPU2 K2 | | | | | | |
| CPU2 L1 | 0012 | P | P | P | P | |
| CPU2 L2 | | | | | | |

| 4C Maximum Loading | | | | | | |
|--------------------|---------------|---|---|---|---|--|
| Start Date | 08/19/21 | | | | | |
| 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 B2 | 0004 | P | P | P | P | |
| CPU1 C1 | 0005 | P | P | P | P | |
| CPU1 C2 | 0006 | P | P | P | P | |
| CPU1 D1 | 0007 | P | P | P | P | |
| CPU1 D2 | 0008 | P | P | P | P | |
| CPU1 E1 | 0009 | P | P | P | P | |
| CPU1 E2 | 0010 | P | P | P | P | |
| CPU1 F1 | 0011 | P | P | P | P | |
| CPU1 F2 | 0012 | P | P | P | P | |
| CPU2 G1 | 0013 | P | P | P | P | |
| CPU2 G2 | 0014 | P | P | P | P | |
| CPU2 H1 | 0015 | P | P | P | P | |
| CPU2 H2 | 0016 | P | P | P | P | |
| CPU2 I1 | 0017 | P | P | P | P | |
| CPU2 I2 | 0018 | P | P | P | P | |
| CPU2 J1 | 0019 | P | P | P | P | |
| CPU2 J2 | 0020 | P | P | P | P | |
| CPU2 K1 | 0021 | P | P | P | P | |
| CPU2 K2 | 0022 | P | P | P | P | |
| CPU2 L1 | 0023 | P | P | P | P | |
| CPU2 L2 | 0024 | P | P | P | P | |