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	KSM29RD8/16HCI	RDIMM	1.2V	16GB	2Gx72	2933	21	E2	DR
DRAM Vendor	**DRAM Part Number**	**DRAM Density / Width / Date Code**			**Register Vendor / Rev.**		**DIMM Composition**		
SK Hynix	H5AN8G8NCJR-WMC	8Gb	1024Mx8bit	1915	IDT	C1	(1024Mx8)*2*72		

System Configuration

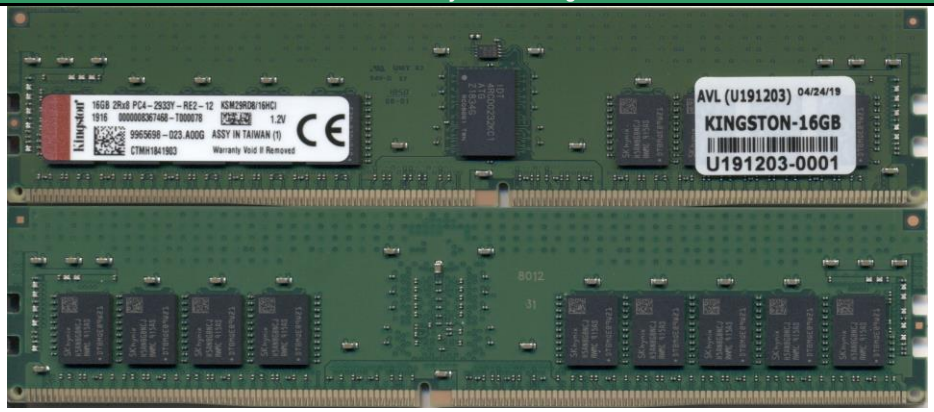
SETUP	System #1	System #2
AVL S/N	H170060-003	
System S/N	BQWF83600199	
Board Rev. (PBA)	H48104-863	
CPU Type	Intel CLX 2.20 GHz	
Chipset	Intel 62X Series	
BIOS	01.0261	01.0261
BMC / ME	1.83 / 04.01.03.237	1.83 / 04.01.03.237
FUR/SDR	1.74	1.74
OS	Windows Server 2016 Standard	
Test Tool	iWVSS 2.8.0, SELViewer, 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:	07/16/2019	AVL A#	U191203	AVL W/O	WF2551

Comments:

Test Results

4C — Minimum Loading

Start Date		6/27/2019			
DIMM Voltage		1.22v / 1.16v			
DIMM	S/N	A	B	C	D
CPU1 A1	03-011	P	P	P	P
CPU1 A2					
CPU1 B1	03-012	P	P	P	P
CPU1 B2					
CPU1 C1	03-013	P	P	P	P
CPU1 C2					
CPU1 D1	03-014	P	P	P	P
CPU1 D2					
CPU1 E1	03-015	P	P	P	P
CPU1 E2					
CPU1 F1	03-016	P	P	P	P
CPU1 F2					
CPU2 G1	04-003	P	P	P	P
CPU2 G2					
CPU2 H1	04-004	P	P	P	P
CPU2 H2					
CPU2 I1	04-005	P	P	P	P
CPU2 I2					
CPU2 J1	04-006	P	P	P	P
CPU2 J2					
CPU2 K1	04-007	P	P	P	P
CPU2 K2					
CPU2 L1	04-008	P	P	P	P
CPU2 L2					

4C — Maximum Loading

Start Date		06/27/19			
DIMM Voltage		1.22v / 1.16v			
DIMM	S/N	A	B	C	D
CPU1 A1	03-005	P	P	P	P
CPU1 A2	03-006	P	P	P	P
CPU1 B1	03-007	P	P	P	P
CPU1 B2	03-008	P	P	P	P
CPU1 C1	03-009	P	P	P	P
CPU1 C2	03-010	P	P	P	P
CPU1 D1	03-011	P	P	P	P
CPU1 D2	03-012	P	P	P	P
CPU1 E1	03-013	P	P	P	P
CPU1 E2	03-014	P	P	P	P
CPU1 F1	03-015	P	P	P	P
CPU1 F2	03-016	P	P	P	P
CPU2 G1	04-009	P	P	P	P
CPU2 G2	04-010	P	P	P	P
CPU2 H1	04-011	P	P	P	P
CPU2 H2	04-012	P	P	P	P
CPU2 I1	04-013	P	P	P	P
CPU2 I2	04-014	P	P	P	P
CPU2 J1	04-015	P	P	P	P
CPU2 J2	04-016	P	P	P	P
CPU2 K1	04-017	P	P	P	P
CPU2 K2	04-018	P	P	P	P
CPU2 L1	04-019	P	P	P	P
CPU2 L2	04-020	P	P	P	P