



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate

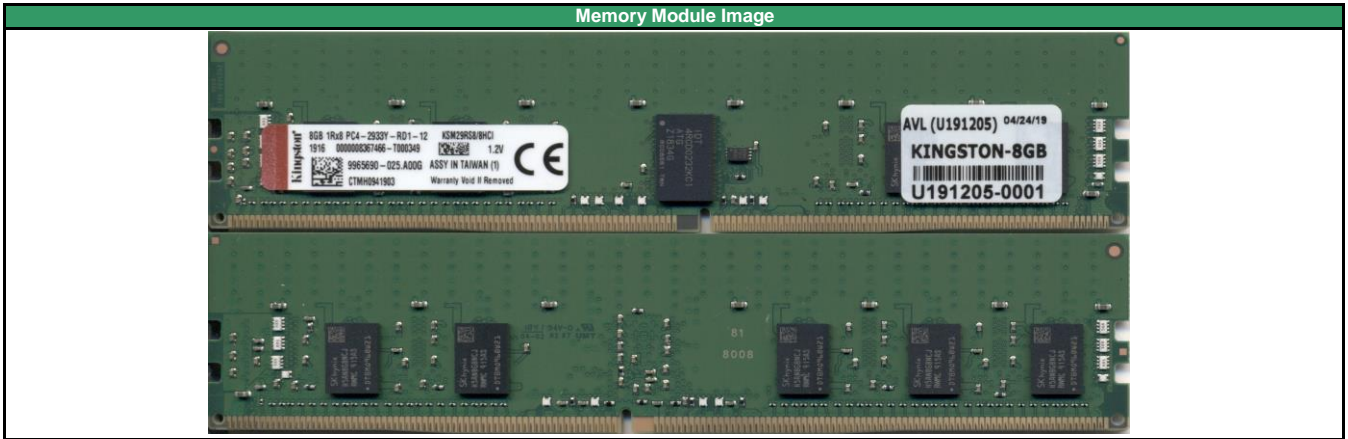
Test System: Intel S2600WF (Wolf Pass)	Test Result: Pass
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Leveraged System(s): R1208WFTYS, R1304WF, R1304WFOYS, R1304WFTYS, R2000WF, R2208WFOZS, R2208WFTZS, R2224WFTZS, R2308WFTZS, R2312WFOFP, R2312WFTZS, S2600WFO, S2600WFQ, S2600WFT

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM29RS8/8HCI	RDIMM	1.2V	8GB	1Gx72	2933	21	D1	SR
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)*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:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	07/24/2019	AVL A#	U191205	AVL W/O	WF2555
Comments:							

Test Results									
4C Minimum Loading									
Start Date	7/11/2019								
DIMM Voltage	1.22v / 1.16v								
DIMM	S/N	A	B	C	D				
CPU1 A1	05-017	P	P	P	P				
CPU1 A2									
CPU1 B1	05-018	P	P	P	P				
CPU1 B2									
CPU1 C1	05-019	P	P	P	P				
CPU1 C2									
CPU1 D1	05-020	P	P	P	P				
CPU1 D2									
CPU1 E1	05-021	P	P	P	P				
CPU1 E2									
CPU1 F1	05-022	P	P	P	P				
CPU1 F2									
CPU2 G1	06-013	P	P	P	P				
CPU2 G2									
CPU2 H1	06-014	P	P	P	P				
CPU2 H2									
CPU2 I1	06-015	P	P	P	P				
CPU2 I2									
CPU2 J1	06-017	P	P	P	P				
CPU2 J2									
CPU2 K1	06-018	P	P	P	P				
CPU2 K2									
CPU2 L1	06-019	P	P	P	P				
CPU2 L2									
4C Maximum Loading									
Start Date	07/11/19								
DIMM Voltage	1.22v / 1.16v								
DIMM	S/N	A	B	C	D				
CPU1 A1	05-011	P	P	P	P				
CPU1 A2	05-012	P	P	P	P				
CPU1 B1	05-013	P	P	P	P				
CPU1 B2	05-014	P	P	P	P				
CPU1 C1	05-015	P	P	P	P				
CPU1 C2	05-016	P	P	P	P				
CPU1 D1	05-017	P	P	P	P				
CPU1 D2	05-018	P	P	P	P				
CPU1 E1	05-019	P	P	P	P				
CPU1 E2	05-020	P	P	P	P				
CPU1 F1	05-021	P	P	P	P				
CPU1 F2	05-022	P	P	P	P				
CPU2 G1	06-007	P	P	P	P				
CPU2 G2	06-008	P	P	P	P				
CPU2 H1	06-009	P	P	P	P				
CPU2 H2	06-010	P	P	P	P				
CPU2 I1	06-011	P	P	P	P				
CPU2 I2	06-012	P	P	P	P				
CPU2 J1	06-013	P	P	P	P				
CPU2 J2	06-014	P	P	P	P				
CPU2 K1	06-015	P	P	P	P				
CPU2 K2	06-016	P	P	P	P				
CPU2 L1	06-017	P	P	P	P				
CPU2 L2	06-018	P	P	P	P				