



### Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S7200AP (Adams Pass)</b>	Test Result: <b>Pass</b>

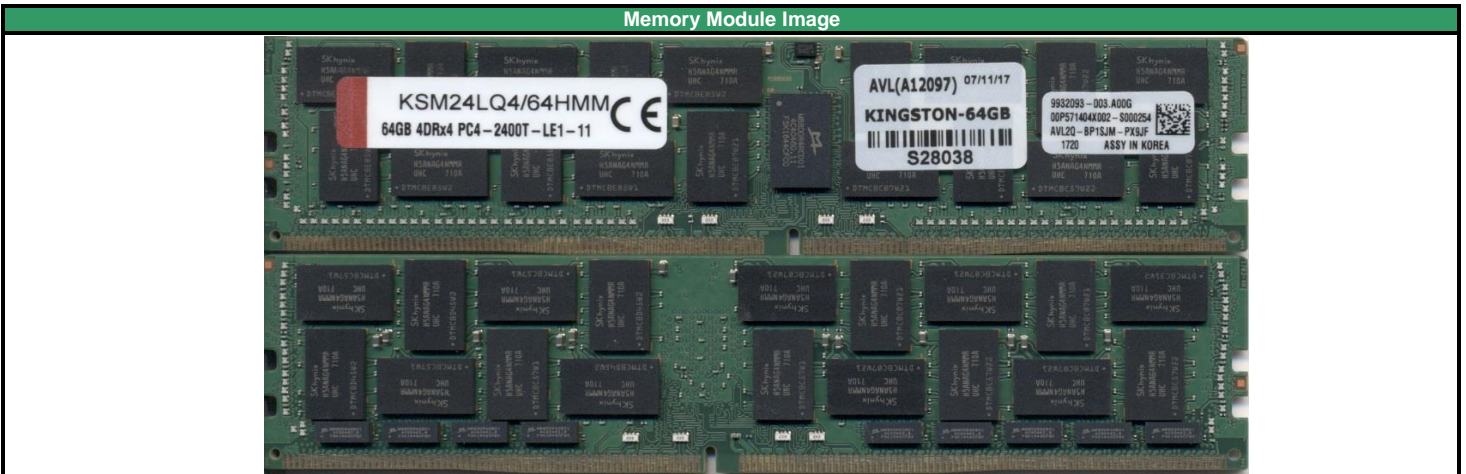
Leveraged System(s): HNS7200AP, HNS7200APL, S7200AP, S7200APF, S7200APL

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM24LQ4/64HMI	RDIMM	1.2V	64GB	8Gx72	2400	17	E	QR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5ANAG4HMMR-UHC	8Gb	2X2048Mx4bit	1709	IDT	C0	2X(2048Mx4)*4*72		

Leveraged Memory Modules					
Vendor	Part Number	Type	Voltage	CL	Speed
1					
2					
3					
4					
5					
6					

System Configuration		
SETUP	System #1	System #2
AVL S/N	S22021	S22020
System S/N	QSAD63905310 / Low	QSAD63905435 / High
Board Rev. (PBA)	G94286-304	
CPU Type	Xeon PHI 7250 / 1.4 GHz	
Chipset	C612	
BIOS / Date	01.02.0041 / 02-23-2017	
BMC / ME	01.01.10452 / 03.01.03.018	
FUR/SDR	1.25	
OS	Linux CentOS 7.3	
Test Tool	iLvss, MCELog	

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 Loading	HVDD/HVPP Hot
4. Memory Stress		HVDD/HVPP Cold
5. Memory Stress		LVDD/LVPP Hot
6. Memory Stress		LVDD/LVPP Cold
Note:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	08/11/2017	AVL A#	A12096	AVL W/O	WD8202
Comments:							

Test Results

4C						
Maximum Loading						
Start Date		8/2/2017				
DIMM Voltage		1.22v				
DIMM VPP		2.64v				
DIMM	S/N	A	B	C	D	
CPU1 A1	S28016	P	P	P	P	
CPU1 B1	S28017	P	P	P	P	
CPU1 C1	S28018	P	P	P	P	
CPU1 D1	S28033	P	P	P	P	
CPU2 E1	S28034	P	P	P	P	
CPU2 F1	S28035	P	P	P	P	

4C						
Maximum Loading						
Start Date		8/3/2017				
DIMM Voltage		1.16v				
DIMM VPP		2.422v				
DIMM	S/N	E	F	G	H	
CPU1 A1	S28019	P	P	P	P	
CPU1 B1	S28020	P	P	P	P	
CPU1 C1	S28021	P	P	P	P	
CPU1 D1	S28036	P	P	P	P	
CPU2 E1	S28037	P	P	P	P	
CPU2 F1	S28038	P	P	P	P	