



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S7200AP (Adams Pass)	Test Result: Pass

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	KSM32RD4/32HDR	RDIMM	1.2V	32GB	4Gx72	3200	22	B	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5AN8G4NDJR-XNC	8Gb	2048Mx4bit	2008	Rambus	B0	(2048Mx4)*2*72		

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	01.02.0041	
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 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:	04/15/2021	AVL A#	U201539	AVL W/O	WF8192
Comments:							

Test Results

4C Maximum Loading					
Start Date	4/7/2021				
DIMM Voltage	1.22v				
DIMM VPP	2.64v				
DIMM	S/N	A	B	C	D
CPU1 A1	0001	P	P	P	P
CPU1 B1	0002	P	P	P	P
CPU1 C1	0003	P	P	P	P
CPU1 D1	0004	P	P	P	P
CPU2 E1	0005	P	P	P	P
CPU2 F1	0006	P	P	P	P

4C Maximum Loading							
Start Date	4/7/2021						
DIMM Voltage	1.16v						
DIMM VPP	2.422v						
DIMM	S/N	E	F	G	H		
CPU1 A1	0020	P	P	P	P	P	P
CPU1 B1	0021	P	P	P	P	P	P
CPU1 C1	0022	P	P	P	P	P	P
CPU1 D1	0023	P	P	P	P	P	P
CPU2 E1	0024	P	P	P	P	P	P
CPU2 F1	0025	P	P	P	P	P	P