



Advanced Validation Labs, Inc.

17665B Newhope Street, Fountain Valley, CA 92708 (714) 435-2630



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	KVR24R17S4/16l	RDIMM	1.2V	16GB	2Gx72	2400	17	C	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Hynix	H5AN8G4NAFR-UHC	8Gb	2048Mx4bit	1704	IDT	A	(2048Mx4)*72		

Leveraged Memory Modules						
Vendor	Part Number	Type	Voltage	CL	Speed	Rank
1	Kingston	KVR24R17S4K4/64l	RDIMM	1.2V	17	2400
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:		

Memory Module Image



AVL USE ONLY:							
Completed by:	Completion Date:	AVL A#	AVL W/O	WD8164			
Andy Chang	07/28/2017	A12087					
Comments:							

Test Results

4C						
Maximum Loading						
Start Date		7/14/2017				
DIMM Voltage		1.22v				
DIMM VPP		2.64v				
DIMM	S/N	A	B	C	D	
CPU1 A1	S27837	P	P	P	P	
CPU1 B1	S27838	P	P	P	P	
CPU1 C1	S27839	P	P	P	P	
CPU1 D1	S27840	P	P	P	P	
CPU2 E1	S27841	P	P	P	P	
CPU2 F1	S27842	P	P	P	P	

4C						
Maximum Loading						
Start Date		7/14/2017				
DIMM Voltage		1.16v				
DIMM VPP		2.422v				
DIMM	S/N	E	F	G	H	
CPU1 A1	S27843	P	P	P	P	
CPU1 B1	S27844	P	P	P	P	
CPU1 C1	S27845	P	P	P	P	
CPU1 D1	S27846	P	P	P	P	
CPU2 E1	S27847	P	P	P	P	
CPU2 F1	S27848	P	P	P	P	