



### Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S2600KP (Kennedy Pass)</b>	Test Result: <b>Pass</b>

Leveraged System(s): N/A

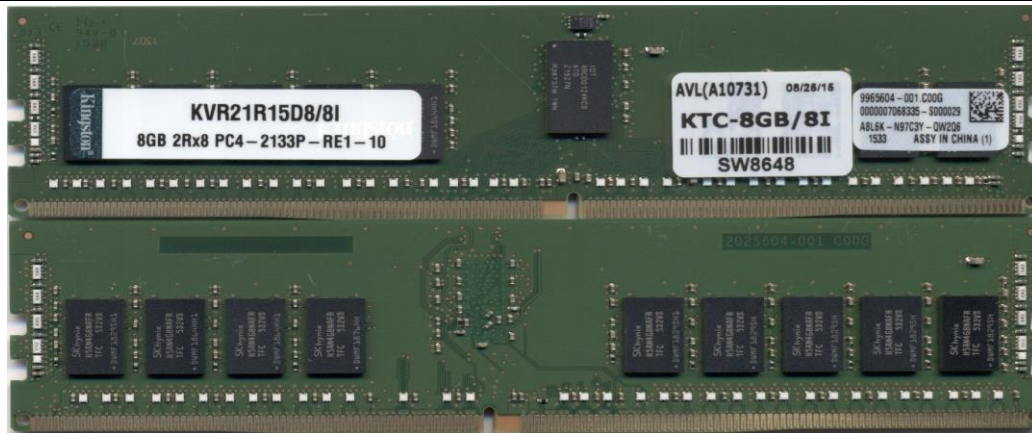
Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21R15D8/8I	RDIMM	1.2V	8GB	1Gx72	2133	15	E	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Kingston	H5AN4G8NAFR-TFC	4Gb	512Mx8bit	1530	IDT	GS02	(512Mx8)x2*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR21R15D8K4/32I	RDIMM	1.2V	15	2133	
2						
3						
4						
5						
6						

System Configuration		
SETUP	System #1	System #2
AVL S/N	SU9568	SU9569
System S/N	BQKP42400310 / LVPP	BQKP42400473 / HVPP
Board Rev. (PBA)	H13888-301	
CPU Type	E5-2650 v3 / 2.30 GHz	
Chipset	C610	
BIOS / Date	01.01.0009 / 06/01/2015	
BMC / ME	01.28.8586 / 03.00.07.168	
FUR/SDR	1.09	
OS	Windows Server 2012 R2	
Test Tool	iWVSS 2.6.1, 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/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:	Andy Chang	Completion Date:	09/21/2015	AVL A#	A10731	AVL W/O	WD4062
Comments:							

Test Results

4C						
Maximum Loading						
Start Date		8/28/2015				
DIMM Voltage		1.22v				
DIMM VPP		2.64v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SW8680	P	P	P	P	
CPU1 B1	SW8681	P	P	P	P	
CPU1 C1	SW8682	P	P	P	P	
CPU1 D1	SW8683	P	P	P	P	
CPU2 E1	SW8684	P	P	P	P	
CPU2 F1	SW8685	P	P	P	P	
CPU2 G1	SW8686	P	P	P	P	
CPU2 H1	SW8687	P	P	P	P	

4C						
Maximum Loading						
Start Date		9/1/2015				
DIMM Voltage		1.16v				
DIMM VPP		2.422v				
DIMM	S/N	E	F	G	H	
CPU1 A1	SW8688	P	P	P	P	
CPU1 B1	SW8689	P	P	P	P	
CPU1 C1	SW8690	P	P	P	P	
CPU1 D1	SW8691	P	P	P	P	
CPU2 E1	SW8692	P	P	P	P	
CPU2 F1	SW8693	P	P	P	P	
CPU2 G1	SW8694	P	P	P	P	
CPU2 H1	SW8695	P	P	P	P	