



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600KP (Kennedy Pass)	Test Result: Pass

Leveraged System(s): N/A

Modules Information

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21R15D4/16I	RDIMM	1.2V	16GB	2Gx72	2133	15	A	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5AN4G4NAFR-TFC	4Gb	1024Mx4bit	1530	IDT	C0	(1024Mx4)*2*72		

Leveraged Memory Modules

Vendor	Type	Voltage	CL	Speed
1 Kingston	KVR21R15D4K4/64I	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 Pass
4. Memory Stress		HVDD/HVPP Cold Pass
5. Memory Stress		LVDD/LVPP Hot Pass
6. Memory Stress		LVDD/LVPP Cold Pass
Note:		

Memory Module Image



AVL USE ONLY:

Completed by:	Sean Liu	Completion Date:	09/03/15	AVL A#	A10721	AVL W/O	WD4075
Comments:							

Test Results

4C						
Maximum Loading						
Start Date		9/1/2015				
DIMM Voltage		1.22v				
DIMM VPP		2.64v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SW8756	P	P	P	P	
CPU1 B1	SW8757	P	P	P	P	
CPU1 C1	SW8758	P	P	P	P	
CPU1 D1	SW8759	P	P	P	P	
CPU2 E1	SW8760	P	P	P	P	
CPU2 F1	SW8761	P	P	P	P	
CPU2 G1	SW8762	P	P	P	P	
CPU2 H1	SW8763	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	SW8748	P	P	P	P	
CPU1 B1	SW8749	P	P	P	P	
CPU1 C1	SW8750	P	P	P	P	
CPU1 D1	SW8751	P	P	P	P	
CPU2 E1	SW8752	P	P	P	P	
CPU2 F1	SW8753	P	P	P	P	
CPU2 G1	SW8754	P	P	P	P	
CPU2 H1	SW8755	P	P	P	P	