



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600CW (Cottonwood 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	SU9557	SU9556
System S/N	FWCT44150269 / LVPP	FWCT44150034 / HVPP
Board Rev. (PBA)	H44615-202	
CPU Type	E5-2695 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	1.10	
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:	Sean Lu	Completion Date:	09/14/2015	AVL A#	A10721	AVL W/O	WD4075
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		8/31/2015			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SW8748	P	P	P	P
CPU1 A2					
CPU1 B1	SW8749	P	P	P	P
CPU1 B2					
CPU1 C1	SW8750	P	P	P	P
CPU1 C2					
CPU1 D1	SW8751	P	P	P	P
CPU1 D2					
CPU2 E1	SW8752	P	P	P	P
CPU2 E2					
CPU2 F1	SW8753	P	P	P	P
CPU2 F2					
CPU2 G1	SW8754	P	P	P	P
CPU2 G2					
CPU2 H1	SW8755	P	P	P	P
CPU2 H2					

4C					
Maximum Loading					
Start Date		09/01/15			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SW8716	P	P	P	P
CPU1 A2	SW8717	P	P	P	P
CPU1 B1	SW8718	P	P	P	P
CPU1 B2	SW8719	P	P	P	P
CPU1 C1	SW8720	P	P	P	P
CPU1 C2	SW8721	P	P	P	P
CPU1 D1	SW8722	P	P	P	P
CPU1 D2	SW8723	P	P	P	P
CPU2 E1	SW8724	P	P	P	P
CPU2 E2	SW8725	P	P	P	P
CPU2 F1	SW8726	P	P	P	P
CPU2 F2	SW8727	P	P	P	P
CPU2 G1	SW8728	P	P	P	P
CPU2 G2	SW8729	P	P	P	P
CPU2 H1	SW8730	P	P	P	P
CPU2 H2	SW8731	P	P	P	P