



Advanced Validation Labs, Inc.
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Intel PCSD Server Memory Compatibility Test Certificate

Test System: Intel S1200SP (Silver Pass)	Test Result: Pass
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Leveraged System(s): S1200SPL; S1200SPO; S1200SPS

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21E15D8/8I	UDIMM ECC	1.2V	8GB	1Gx72	2133	15	E	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Micron	MT40A512M8RH-083E:B	4Gb	512Mx8bit	1618				(512Mx8)x2*72	

Leveraged Memory Modules							
Vendor	Type	Voltage	CL	Speed			
1 Kingston	KVR21E15D8K2/16I	UDIMM ECC	1.2V	15	2133		
2							
3							
4							
5							
6							

System Configuration		
SETUP	System #1	System #2
AVL S/N	SY9443	SY9444
System S/N	QSSA54400007 / LVPP	QSSA54400010 / HVPP
Board Rev. (PBA)	H57532-208	
CPU Type	E3-1280 / 3.70 GHz	
Chipset	C232	
BIOS / Date	01.03.0006 / 3-17-2016	
BMC / ME	01.02.9655 / 04.00.03.94	
FUR/SDR	0.19	
OS	Windows Server 2012 R2	
Test Tool	iWVSS 2.6.5, 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:	Andy Chang	Completion Date:	06/13/16	AVL A#	A11345	AVL W/O	WD6035
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		6/2/2016				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SZ2423	P	P	P	P	
CPU1 A2						
CPU1 B1	SZ2424	P	P	P	P	
CPU1 B2						

4C						
Maximum Loading						
Start Date		06/02/16				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SZ2427	P	P	P	P	
CPU1 A2	SZ2428	P	P	P	P	
CPU1 B1	SZ2429	P	P	P	P	
CPU1 B2	SZ2430	P	P	P	P	

