



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S1200SP (Silver Pass)	Test Result: Pass

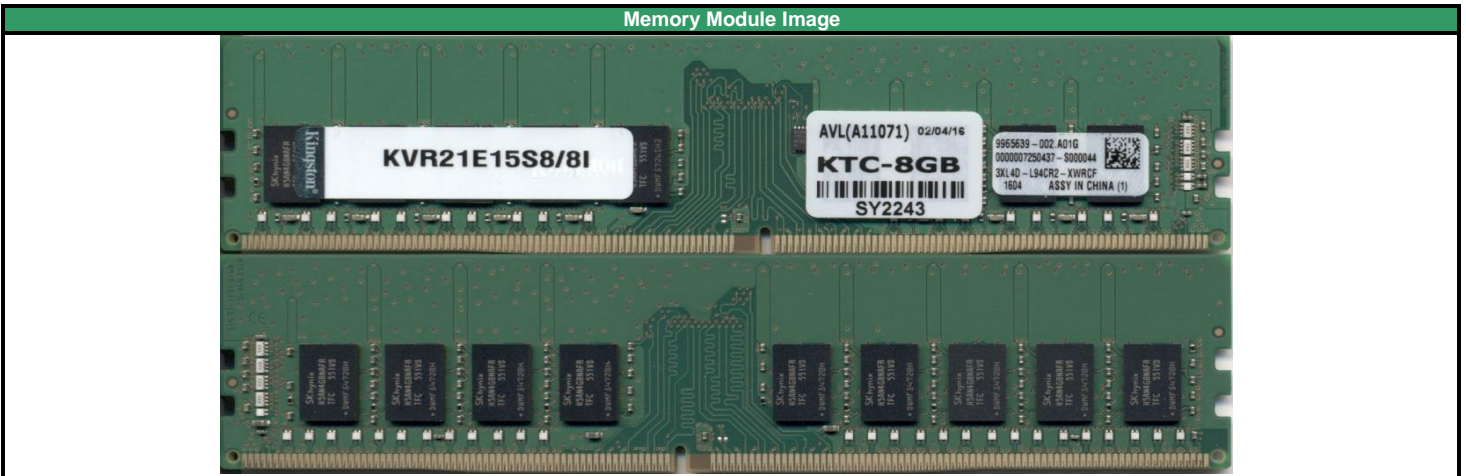
Leveraged System(s): S1200SPL; S1200SPO; S1200SPS

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		
Hynix	H5AN4G8NAFR-TFC	4Gb	512Mx8bit	1551			(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:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	05/10/2016	AVL A#	A11071	AVL W/O	WD5125
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		5/3/2016			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SY2247	P	P	P	P
CPU1 A2					
CPU1 B1	SY2248	P	P	P	P
CPU1 B2					

4C					
Maximum Loading					
Start Date		05/03/16			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SY2243	P	P	P	P
CPU1 A2	SY2244	P	P	P	P
CPU1 B1	SY2245	P	P	P	P
CPU1 B2	SY2246	P	P	P	P

